H84 C8850-1

Textile Organon

Vol 55, No. 3 □ March/April 1984

A publication of the Textile Economics Bureau, Inc.

MONTHLY REVIEW

Highlights

***Textile Organon* Features**

1983: A Year in Perspective . . . begins on page 35.
1983 Import/Export Review . . . begins on page 44.
Measuring Productivity:
Indexes of Output for the U.S. Man-Made Fiber Industry . . . begins on page 52.

1983 End Use Results

Filament Yarn Domestic Shipments Rise to 3,583 million pounds . . . see page 56.
Staple+Tow Domestic Shipments Rise to 4,005 million pounds . . . see page 57.

A record was set in March as more pounds of olefin+vinyon staple+tow were shipped than in any other month in history.

Shipments of polyester staple+tow rose in March to the highest level since September 1983, while shipments of acrylic+modacrylic staple+tow rose to the highest level since April 1981.

Nylon yarn shipments to the carpet trades rose in March, though shipments of nylon textile yarn fell.

Due to production difficulties, the April and March editions of the ***Organon*** *have been combined into this issue.*

TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *Percent*

ITEM	1984 MAR	1984 FEB	% [a]	1983 MAR	% [b]	YEAR TO DATE 1984	YEAR TO DATE 1983	% [c]
YARN+MONOFILAMENTS								
ACETATE	**19.8**	**16.9**	*+17.1*	**20.4**	*-2.9*	**54.5**	**51.2**	*+6.4*
NYLON [d] - INDUSTRIAL	32.8	29.9	*+9.7*	25.7	*+27.6*	90.8	70.0	*+29.7*
- LOW DENIER INDUSTRIAL	3.0	3.0	--	2.9	*+3.4*	8.9	7.8	*+14.1*
- CARPET	65.5	62.9	*+4.1*	56.3	*+16.3*	198.4	150.1	*+32.2*
- TEXTILE	30.9	31.3	*-1.3*	34.3	*-9.9*	96.7	92.5	*+4.5*
POLYESTER - INDUSTRIAL	28.3	25.2	*+12.3*	25.4	*+11.4*	78.0	73.0	*+6.8*
- LOW DENIER INDUSTRIAL	2.1	2.1	--	2.0	*+5.0*	6.1	5.6	*+8.9*
- TEXTILE	67.1	69.9	*-4.0*	90.6	*-25.9*	221.9	247.3	*-10.3*
OLEFIN	62.5	55.7	*+12.2*	58.3	*+7.2*	168.9	164.5	*+2.7*
TOTAL NONCELLULOSIC ABOVE	**292.2**	**280.0**	*+4.3*	**295.5**	*-1.1*	**869.7**	**810.8**	*+7.3*
STAPLE+TOW+FIBERFILL								
RAYON	**38.0**	**31.6**	*+20.2*	**30.9**	*+23.7*	**102.0**	**87.0**	*+17.2*
NYLON [d]	70.8	65.9	*+7.4*	71.0	*-0.3*	216.7	199.3	*+8.7*
ACRYLIC+MODACRYLIC	63.9	52.2	*+22.4*	59.9	*+6.7*	169.1	161.4	*+4.8*
POLYESTER	197.0	177.5	*+11.0*	191.4	*+2.9*	547.0	517.7	*+5.6*
OLEFIN+VINYON	20.4	18.5	*+10.3*	14.7	*+38.8*	57.5	40.4	*+42.3*
TOTAL NONCELLULOSIC ABOVE	**352.1**	**314.1**	*+12.1*	**337.0**	*+4.5*	**990.3**	**918.8**	*+7.8*

-- No change from previous month.
a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
Also see footnotes on last page of this issue.

Contents

Monthly Review 33-34

Textile Organon Special Reports

1983: A Year in Perspective 35-43

1983: Import/Export Review 44-51

Measuring Productivity: Indexes of Output for the U.S. Man-Made Fiber Industry 52-55

Domestic Shipments by Primary Trade or End Use

Filament Yarn 56

Staple+Tow 57

U.S. Imports by Country 58

U.S. Imports for Consumption 59

Selected U.S. Textile Fiber Data 60-61

Textile Organon

Robert P. Antoshak, *Editor*
Rosemarie Frick, *Associate Editor*
Christine Holt, *Production Manager*
Maryellen Acocella, *Subcription Services Manager*
Eileen Ludwig, *Computer Operations Manager*

Copyright 1984 by Textile Economics Bureau, Inc. All rights reserved. This booklet may be reproduced in part if credit is given.

Subscription rates as of January 1983 (payable in U.S. dollars with order):

	U.S.A.	OTHER
Annually (1 year only)	$125.00	$187.50
Schools & Nonprofit	25.00	35.00
Single Issues:		
June	20.00	30.00
September/October 1983	20.00	30.00
November (1982 & previous)	20.00	30.00
All Others	15.00	20.00

All issues will be sent to U.S. subscribers by first-class mail and those to all other countries by airmail.

A publication of the

Textile Economics Bureau, Inc.
101 Eisenhower Parkway □ Roseland, New Jersey 07068
Telephone (201) 228-1107

TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *Percent*

ITEM	1984 FEB	1984 JAN	% [a]	1983 FEB	% [b]	YEAR TO DATE 1984	YEAR TO DATE 1983	% [c]
YARN+MONOFILAMENTS								
ACETATE	**16.9**	**17.8**	*-5.0*	**15.7**	*+7.6*	**34.7**	**30.8**	*+12.7*
NYLON [d] - INDUSTRIAL	29.9	28.1	*+6.4*	23.5	*+27.2*	58.0	44.3	*+30.9*
- LOW DENIER INDUSTRIAL	3.0	2.9	*+3.4*	2.4	*+25.0*	5.9	4.9	*+20.4*
- CARPET	62.9	70.0	*-10.1*	48.4	*+29.9*	132.9	93.8	*+41.7*
- TEXTILE	31.3	34.5	*-9.3*	30.4	*+3.0*	65.8	58.2	*+13.0*
POLYESTER - INDUSTRIAL	25.2	24.5	*+2.8*	23.6	*+6.8*	49.7	47.6	*+4.4*
- LOW DENIER INDUSTRIAL	2.1	1.9	*+10.5*	1.7	*+23.5*	4.0	3.6	*+11.1*
- TEXTILE	69.9	84.9	*-17.7*	82.8	*-15.6*	154.8	156.7	*-1.2*
OLEFIN	55.7	50.7	*+9.9*	55.0	*+1.3*	106.4	106.2	*+0.2*
TOTAL NONCELLULOSIC ABOVE	**280.0**	**297.5**	*+5.9*	**267.8**	*+4.5*	**577.5**	**515.3**	*+12.1*
STAPLE+TOW+FIBERFILL								
RAYON	**31.6**	**32.4**	*-2.5*	**26.6**	*+18.8*	**64.0**	**56.1**	*+14.1*
NYLON [d]	65.9	80.0	*-17.6*	63.5	*+3.8*	145.9	128.3	*+13.7*
ACRYLIC+MODACRYLIC	52.2	53.0	*-1.5*	52.2	--	105.2	101.5	*+3.6*
POLYESTER	177.5	172.5	*+2.9*	172.1	*+3.1*	350.0	326.3	*+7.3*
OLEFIN+VINYON	18.5	18.6	*-0.5*	14.3	*+29.4*	37.1	25.7	*+44.3*
TOTAL NONCELLULOSIC ABOVE	**314.1**	**324.1**	*-3.1*	**302.1**	*+4.0*	**638.2**	**581.8**	*+9.7*

-- No change from previous month.
a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumlative total this year.
d. Nylon excludes Aramid.
Also see footnotes on last page of this issue.

1983: A YEAR IN PERSPECTIVE

Editor's Note-- *Over the recent years, a growing percentage of glass fiber has been utilized in various non-textile reinforced plastic applications. When added into the overall fiber consumption series these applications distort true* ***textile*** *mill consumption. In an effort to eliminate this distortion, all U.S. mill consumption data for man-made fiber have been revised back to 1970 to include only glass fiber actually used in textile applications. These textile applications include glass yarn used for weaving, tire cord and selected reinforced plastics. The other types of glass fiber include, for example, roving and mat applications. This distinction has been made to provide, first of all, a more precise* ***textile*** *fiber mill consumption series, but, more specifically, a consumption series compatible with other series published for Western Europe and other parts of the world.*

In 1983, U.S. mill consumption of man-made fiber rose 20% to the highest level since 1979. This rise in annual consumption follows three consecutive years of declining consumption. In addition, man-made fiber registered an increase in market share when compared to the total consumption for man-made fiber, cotton and wool. In 1983, the man-made fiber share of the total rose to 73.4%, while cotton fell to 25.1% and wool rose to 1.5%.

Exports of man-made fiber (excluding glass fiber) declined in 1983. Although there was a net export balance of nearly 452 million pounds, the 1983 level was 351 million pounds less than in 1982, a 44% decline.

Imports of man-made fiber (excluding glass fiber) rose to nearly 219 million pounds in 1983, an increase of 8.5 million pounds over 1982. But imports of man-made fiber manufactures increased by 191 million pounds. Even though exports of these manufactures rose over 20 million pounds in 1983, there was a resulting net import balance of 428 million pounds, nearly 169 million pounds higher than the 1982 net import balance level.

In the following feature (pages 35-42), data are presented to describe 1983 in terms of domestic shipments, imports, exports and consumption of man-made fibers and related products. For comparison purposes, man-made fiber, cotton and wool data are supplied as well.

MILL CONSUMPTION BY FIBER

BILLION POUNDS

YEAR	RAYON	ACETATE[a]	NYLON[b]	POLYESTER	ACRYLIC[c]	OLEFIN	GLASS[d]	COTTON	WOOL	TOTAL
1970	0.9	0.5	1.3	1.6	0.5	0.2	0.1	3.8	0.3	9.2
1971	1.0	0.5	1.7	2.0	0.5	0.3	0.1	4.0	0.2	10.3
1972	1.0	0.4	2.1	2.5	0.6	0.4	0.2	3.9	0.2	11.3
1973	1.0	0.4	2.3	3.1	0.7	0.5	0.2	3.6	0.2	12.0
1974	0.8	0.3	2.0	2.9	0.6	0.5	0.2	3.3	0.1	10.7
1975	0.5	0.3	2.0	3.1	0.5	0.5	0.1	3.1	0.1	10.2
1976	0.6	0.3	2.1	3.3	0.6	0.5	0.1	3.4	0.1	11.0
1977	0.6	0.3	2.3	3.6	0.7	0.6	0.1	3.2	0.1	11.5
1978	0.6	0.3	2.5	3.7	0.6	0.7	0.2	3.0	0.1	11.7
1979	0.5	0.3	2.7	3.8	0.6	0.7	0.2	3.1	0.1	12.0
1980	0.5	0.3	2.3	3.5	0.6	0.7	0.2	3.1	0.1	11.3
1981	0.5	0.2	2.2	3.5	0.5	0.8	0.1	2.7	0.2	10.7
1982	0.3	0.2	1.9	2.9	0.5	0.8	0.1	2.5	0.1	9.3
1983	0.4	0.2	2.4	3.5	0.5	0.9	0.2	2.8	0.2	11.1

a. Includes triacetate. Cigarette tow is excluded.
b. Includes aramid for all years but 1983.
c. Includes modacrylic.
d. Includes only glass fibers for Textile End Uses. See page 37 for Total Shipments of Glass Fibers.

U.S. MILL CONSUMPTION OF MAN-MADE FIBER[a], COTTON & WOOL

MILLION POUNDS & *PERCENT*

YEAR	MAN-MADE FIBER[a]	%[b]	%[c]	COTTON	%[b]	%[c]	WOOL	%[b]	%[c]	TOTAL	%[b]	%[c]
1970	5240.6	--	56.5	3773.6	--	40.6	273.3	--	2.9	9287.5	--	100.0
1971	6204.3	+18.4	59.7	3965.1	+5.1	38.2	219.3	-19.8	2.1	10388.7	+11.8	100.0
1972	7155.3	+15.3	63.6	3849.8	-2.9	34.2	246.9	+12.6	2.2	11252.0	+8.3	100.0
1973	8145.5	+13.8	68.0	3643.3	-5.4	30.5	182.1	-26.2	1.5	11970.9	+6.4	100.0
1974	7221.8	-11.3	67.8	3306.1	-9.3	31.1	116.5	-36.0	1.1	10644.4	-11.1	100.0
1975	7003.2	-3.0	68.6	3068.7	-7.2	30.1	132.0	+13.3	1.3	10203.9	-4.1	100.0
1976	7511.9	+7.3	68.0	3389.0	+10.4	30.7	145.9	+10.5	1.3	11046.8	+8.3	100.0
1977	8237.2	+9.6	71.4	3169.8	-6.5	27.5	133.9	-8.2	1.1	11540.9	+4.5	100.0
1978	8494.7	+3.1	72.8	3040.4	-4.1	26.0	141.6	+5.7	1.2	11676.7	+1.2	100.0
1979	8696.9	+2.4	73.1	3066.4	+0.8	25.8	134.4	-5.1	1.1	11897.7	+1.9	100.0
1980	8063.5	-7.3	71.6	3064.4	-0.1	27.2	137.8	+2.5	1.2	11265.7	-5.3	100.0
1981	7862.0	-2.5	73.2	2730.8	-10.9	25.4	152.7	+10.8	1.4	10745.5	-4.6	100.0
1982	6775.1	-13.8	72.2	2478.9	-9.2	26.4	129.5	-15.2	1.4	9383.5	-12.7	100.0
1983	8153.9	+20.3	73.4	2795.7	+12.8	25.1	162.5	+25.5	1.5	11112.1	+18.4	100.0

a. Man-made fiber data include *only* glass fiber for textile end uses, see page 37 for total shipments and total consumption of glass fiber.
b. Percent change from year to year.
c. Percent change of total fiber consumption.

MAN-MADE FIBER PRODUCTION

MILLION POUNDS

	CELLULOSIC									NONCELLULOSIC FIBER[c – h]			TOTAL TO THE LEFT	TOTAL GLASS FIBER[i]	TOTAL MAN-MADE FIBER
	RAYON YARN[a]			ACET YARN[b]	TOTAL YARN	STAPLE+TOW			TOTAL R+A						
YEAR	INDUS	TEXT	TOTAL			RAYON	ACET[b]	TOTAL		YARN	STAPLE	TOTAL			
1961	251.0	141.7	392.7	249.0	641.7	400.5	53.0	453.5	1095.2	497.2	253.7	750.9	1846.1	149.3	1995.4
1962	272.0	148.4	420.4	305.7	726.1	500.0	46.0	546.0	1272.1	627.4	345.5	972.9	2245.0	190.3	2435.3
1963	246.0	154.2	400.2	309.5	709.7	579.1	60.0	639.1	1348.8	712.8	443.2	1156.0	2504.8	191.9	2696.7
1964	258.2	153.4	411.6	365.9	777.5	594.3	60.0	654.3	1431.8	847.6	559.1	1406.7	2838.5	239.5	3078.0
1965	264.6	169.2	433.8	391.2	825.0	648.0	54.0	702.0	1527.0	997.7	782.4	1780.1	3307.1	282.3	3589.4
1966	235.8	169.7	405.5	394.3	799.8	659.2	60.0	719.2	1519.0	1164.7	918.1	2082.8	3601.8	332.4	3934.2
1967	161.2	147.9	309.1	425.6	734.7	603.4	50.0	653.4	1388.1	1215.4	1137.9	2353.3	3741.4	308.8	4050.2
1968	202.4	162.9	365.3	439.9	805.2	739.1	50.0	789.1	1594.3	1662.1	1567.3	3229.4	4823.7	402.7	5226.4
1969	168.6	150.6	319.2	455.2	774.4	758.8	43.0	801.8	1576.2	1766.9	1761.0	3527.9	5104.1	501.4	5605.5
1970	146.4	121.2	267.6	463.2	730.8	607.4	35.0	642.4	1373.2	1793.4	1792.8	3586.2	4959.4	467.3	5426.7
1971	180.4	123.0	303.4	449.3	752.7	611.7	26.5	638.2	1390.9	2187.9	2104.9	4292.8	5683.7	468.2	6151.9
1972	146.7	105.0	251.7	401.4	653.1	713.2	28.0	741.2	1394.3	2773.3	2582.4	5355.7	6750.0	571.6	7321.6
1973	121.7	76.4	198.1	437.2	635.3	696.7	25.0	721.7	1357.0	3339.6	2969.8	6309.4	7666.4	688.0	8354.4
1974	112.9	58.9	171.8	361.6	533.4	645.4	20.0	665.4	1198.8	3443.0	2780.6	6223.6	7422.4	682.9	8105.3
1975	46.1	18.7	64.8	301.3	366.1	370.9	12.0	382.9	749.0	3208.9	2676.8	5885.7	6634.7	546.5	7181.2
1976	52.3	15.3	67.6	286.9	354.5	475.4	11.0	486.4	840.9	3306.4	3320.2	6626.6	7467.5	676.0	8143.5
1977	55.3	15.4	70.7	282.0	352.7	527.0	8.0	535.0	887.7	3674.1	3653.8	7327.9	8215.6	786.7	9002.3
1978	47.0	15.0	62.0	300.9	362.9	534.6	7.0	541.6	904.5	3830.3	3952.7	7783.0	8687.5	923.3	9610.8
1979	41.7	15.1	56.8	316.6	373.4	549.4	7.0	556.4	929.8	4154.3	4282.3	8436.6	9366.4	1014.4	10380.8
1980	32.2	15.0	47.2	308.5	355.7	443.3	7.0	450.3	806.0	3744.3	4148.2	7892.5	8698.5	867.3	9565.8
1981	33.4	15.1	48.5	257.0	305.5	460.6	4.0	464.6	770.1	3814.8	4191.1	8005.9	8776.0	1041.1	9817.1
1982	20.8	12.4	33.2	195.2	228.4	355.0	1.0	356.0	584.4	3057.4	3402.5	6459.9	7044.3	899.2	7943.5
1983	15.3	11.2	26.5	227.6	254.1	374.8	1.4	376.2	630.3	3567.8	3970.6	7538.4	8168.7	1168.5	9337.2

NONCELLULOSIC FIBER PRODUCTION DETAIL

MILLION POUNDS

	YARN+MONOFILAMENTS					STAPLE+TOW+FIBERFILL				
YEAR	NYLON[c]	OLEFIN[d]	ESTER[e]	OTHER[f]	TOTAL	NYLON[c]	ACRYL[g]	ESTER[e]	OTHER[h]	TOTAL
1961	441.7	18.9	36.6		497.2	34.2	140.1	77.4	2.0	253.7
1962	562.0	24.3	41.1		627.4	50.7	170.0	119.6	5.2	345.5
1963	630.0	30.3	52.5		712.8	61.5	209.7	166.6	5.4	443.2
1964	736.1	45.4	66.1		847.6	69.3	287.7	192.4	9.7	559.1
1965	846.1	65.6	86.0		997.7	93.7	368.4	305.2	15.1	782.4
1966	961.4	100.8	102.5		1164.7	118.7	352.9	409.3	37.2	918.1
1967	944.6	118.0	152.8		1215.4	124.6	397.7	568.1	47.5	1137.9
1968	1188.4	206.6	267.1		1662.1	162.1	521.0	827.3	56.9	1567.3
1969	1188.0	202.7	376.2		1766.9	223.2	533.0	938.8	66.0	1761.0
1970	1137.9	200.4	455.1		1793.4	216.8	491.9	1022.3	61.8	1792.8
1971	1237.9	261.8	688.2		2187.9	357.4	545.2	1142.5	59.8	2104.9
1972	1463.9	346.5	951.7	11.2	2773.3	510.6	625.9	1376.2	69.7	2582.4
1973	1582.8	423.8	1319.8	13.2	3339.6	591.9	742.1	1568.0	67.8	2969.8
1974	1560.0	463.1	1408.0	11.9	3443.0	563.7	631.2	1517.5	68.2	2780.6
1975	1295.4	442.9	1458.9	11.7	3208.9	561.9	524.6	1536.2	54.1	2676.8
1976	1372.5	515.7	1404.7	13.5	3306.4	702.7	621.0	1935.6	60.9	3320.2
1977	1512.4	554.1	1592.1	15.5	3674.1	813.7	708.8	2050.1	81.2	3653.8
1978	1654.0	596.6	1563.7	16.0	3830.3	895.9	725.7	2235.8	95.3	3952.7
1979	1781.6	639.1	1715.6	18.0	4154.3	938.8	761.1	2462.2	120.2	4282.3
1980	1631.1	632.2	1462.0	19.0	3744.3	726.6	779.2	2526.7	115.7	4148.2
1981	1580.7	642.9	1569.2	22.0	3814.8	751.8	690.8	2606.5	142.0	4191.1
1982	1241.6	585.2	1213.6	17.0	3057.4	685.0	624.1	1955.2	138.2	3402.5
1983	1492.2	716.1	1359.5	NA	3567.8	926.4	670.5	2184.1	189.6	3970.6

NA No longer available.

a. Includes industrial (high tenacity) yarn and textile (regular+intermediate tenacity) yarn+monofilaments. Beginning January 1965, the high tenacity rayon yarn of 900 denier & finer is tabulated with regular tenacity yarn.

b. Includes diacetate and triacetate. The acetate staple+tow data do not include the poundages produced for cigarette filtration purposes.

c. Excludes aramid in 1983.

d. Includes polypropylene yarn+monofilaments+spunbonded+film fiber and polyethylene monofilaments+film fiber.

e. Ester means polyester.

f. Other yarn is chiefly saran and spandex in recent years.

g. Includes modacrylic.

h. Other staple+tow includes only olefin and vinyon for recent years. Earlier years' data are on pages 8 & 9 of the January 1962 ORGANON Base Book issue and page 4 of the January-February 1971 issue.

i. Includes both textile and non-textile types of glass (see text page 35).

MAN-MADE FIBER DISTRIBUTION

CELLULOSIC

MILLION POUNDS

	YARN+MONOFILANENTS							STAPLE+TOW							TOTAL GLASS FIBER[i]				
	PRODUCERS' SHIPMENTS					IM-	DO-	PRODUCERS' SHIPMENTS					IM-	DO-	PRODUCERS' SHIPMENTS			IM-	DO-
	TO DOM. CONSUMERS[a]			EX-			MESTIC	TO DOM. CONSUMERS			EX-			MESTIC	DO-	EX-			
YEAR	RAYON	ACET	TOTAL	PORTS	TOTAL	PORTS	CONS	RAYON	ACET[b]	TOTAL	PORTS	TOTAL	PORTS	CONS	MESTIC	PORTS	TOTAL	PORTS	CONS
1961	385.2	240.8	626.0	33.1	659.1	1.8	627.8	411.8	51.4	463.2	2.8	466.0	37.0	500.2	147.2	6.0	153.2	--	147.2
1962	384.6	281.7	666.3	44.9	711.2	2.6	668.9	499.2	44.4	543.6	3.8	547.4	50.9	594.5	177.5	6.6	184.1	--	177.5
1963	380.7	305.0	685.7	39.7	725.4	1.7	687.4	578.8	57.5	636.3	4.9	641.2	116.5	752.8	182.0	8.5	190.5	--	182.0
1964	399.6	363.8	763.4	28.5	791.9	5.2	768.6	575.7	57.5	633.2	7.7	640.9	114.5	747.7	220.6	11.8	232.4	--	220.6
1965	409.3	366.4	775.7	22.1	797.8	6.8	782.5	636.3	54.4	690.7	8.4	699.1	77.2	767.9	268.2	18.7	286.9	--	268.2
1966	389.6	387.5	777.1	15.2	792.3	3.7	780.8	636.5	59.0	695.5	9.4	704.9	114.8	810.3	314.2	7.9	322.1	1.1	315.3
1967	311.1	421.0	732.1	18.2	750.3	7.7	739.8	625.9	49.5	675.4	4.3	679.7	85.0	760.4	302.7	8.2	310.9	1.0	303.7
1968	353.5	426.4	779.9	17.6	797.5	14.6	794.5	720.0	48.5	768.5	5.4	773.9	125.0	893.5	383.7	12.1	395.8	0.1	383.8
1969	294.7	444.7	739.4	16.0	755.4	4.1	743.5	737.9	42.3	780.2	5.0	785.2	91.2	871.4	460.4	17.7	478.1	0.1	460.5
1970	251.1	444.8	695.9	38.3	734.2	3.7	699.6	599.9	34.3	634.2	7.8	642.0	80.6	714.8	404.2	29.9	434.1	0.7	404.9
1971	297.0	432.3	729.3	33.2	762.5	5.2	734.5	643.6	26.2	669.8	3.7	673.5	81.3	751.1	464.9	17.4	482.3	1.8	466.7
1972	246.9	385.9	632.8	23.9	656.7	10.8	643.6	690.7	27.7	718.4	2.0	720.4	51.3	769.7	559.8	17.5	577.3	9.4	569.2
1973	197.6	392.3	589.9	60.7	650.6	18.1	608.0	709.5	25.0	734.5	14.7	749.2	47.4	781.9	663.0	36.5	699.5	13.0	676.0
1974	153.1	320.3	473.4	48.8	522.2	9.2	482.6	569.5	19.7	589.2	36.0	625.2	38.7	627.9	619.3	38.0	657.3	11.5	630.8
1975	74.9	293.7	368.6	32.9	401.5	9.2	377.8	373.4	12.0	385.4	20.2	405.6	37.9	423.3	524.6	18.3	542.9	8.9	533.5
1976	65.1	249.4	314.5	40.3	354.8	25.1	339.6	461.0	11.0	472.0	35.6	507.6	43.2	515.2	663.3	35.0	698.3	14.3	677.6
1977	68.1	259.4	327.5	25.2	352.7	23.5	351.0	444.9	8.0	452.9	62.3	515.2	57.8	510.7	769.3	28.9	798.2	22.0	791.3
1978	63.0	274.6	337.6	27.6	365.2	25.7	363.3	459.2	7.0	466.2	96.5	562.7	41.1	507.3	864.9	27.7	892.6	21.8	886.7
1979	55.0	288.4	343.4	31.8	375.2	13.3	356.7	442.4	7.0	449.4	100.1	549.5	16.5	465.9	912.2	48.3	960.5	10.4	922.6
1980	47.5	269.2	316.7	32.7	349.4	8.3	325.0	390.7	7.0	397.7	61.0	458.7	10.3	408.0	867.1	48.6	915.7	7.3	874.4
1981	46.6	226.3	272.9	34.8	307.7	10.7	283.6	396.9	4.0	400.9	59.8	460.7	16.8	417.7	963.8	35.2	999.0	18.2	982.0
1982	30.1	169.0	199.1	29.8	228.9	7.0	206.1	293.7	1.0	294.7	66.5	361.2	13.4	308.1	861.5	42.9	904.4	14.1	875.6
1983	25.3	197.6	222.9	28.2	251.1	8.7	231.6	333.5	1.4	334.9	43.9	378.8	13.6	348.5	1146.1	37.4	1183.5	20.0	1166.1

NONCELLULOSIC

	YARN+MONOFILAMENTS								STAPLE+TOW+FIBERFILL								
	PRODUCERS' SHIPMENTS						IM-	DO-	PRODUCERS' SHIPMENTS						IM-	DO-
	TO DOMESTIC CONSUMERS					EX-			TO DOMESTIC CONSUMERS					EX-			
YEAR	NYLON[c]	OLEFIN[d]	ESTER[e]	OTH[f]	TOTAL	PORTS	TOTAL	PORTS	MESTIC CONS	NYLON[c]	ACRYL[g]	ESTER[e]	OTH[h]	TOTAL	PORTS	TOTAL	PORTS	MESTIC CONS
1961	419.0	17.5	36.1		472.6	25.2	497.8	4.7	477.3	36.0	123.8	70.9	3.0	233.7	22.3	256.0	3.2	236.9
1962	503.1	22.5	38.1		563.7	41.1	604.8	7.0	570.7	47.5	147.1	115.3	3.6	313.5	20.3	333.8	13.9	327.4
1963	570.9	29.1	48.9		648.9	43.2	692.1	6.3	655.2	54.3	201.5	150.7	5.0	411.5	18.3	429.8	8.8	420.3
1964	685.9	44.2	63.6		793.7	62.8	856.5	3.7	797.4	68.3	263.2	177.5	8.6	517.6	34.1	551.7	19.2	536.8
1965	781.9	60.1	77.2		919.2	46.1	965.3	8.5	927.7	85.1	324.5	290.4	13.5	713.5	32.3	745.8	52.1	765.6
1966	880.0	94.6	81.4	13.4	1069.4	54.4	1123.8	12.5	1081.9	108.8	328.0	372.1	33.1	842.0	39.7	881.7	61.0	903.0
1967	907.4	116.1	133.0	11.8	1168.3	58.6	1226.9	16.4	1184.7	120.6	371.2	537.2	40.5	1069.5	60.3	1129.8	63.2	1132.7
1968	1085.8	199.0	226.7	10.5	1522.0	84.5	1606.5	33.7	1555.7	157.2	467.1	756.1	52.4	1432.8	72.2	1505.0	89.8	1522.6
1969	1063.4	188.6	353.6	10.9	1616.5	84.9	1701.4	32.5	1649.0	202.7	473.4	883.3	61.7	1621.1	100.3	1721.4	67.5	1688.6
1970	1052.6	187.0	433.0	10.0	1682.6	82.3	1764.9	120.8	1803.4	201.2	430.7	992.9	57.3	1682.1	108.6	1790.7	57.7	1739.8
1971	1206.7	246.5	636.8	10.1	2100.1	78.5	2178.6	234.4	2334.5	330.1	463.7	1111.4	58.9	1964.1	130.5	2094.6	93.3	2057.4
1972	1430.6	312.4	935.4	11.4	2689.8	87.4	2777.2	224.5	2914.3	476.6	536.0	1286.9	63.6	2363.1	174.1	2537.2	103.7	2466.8
1973	1544.7	395.4	1320.5	13.1	3273.7	127.4	3401.1	140.1	3413.8	586.8	662.0	1530.3	69.3	2848.4	233.0	3081.4	112.8	2961.2
1974	1408.8	426.3	1295.2	12.0	3142.3	140.6	3282.9	92.1	3234.4	487.8	514.9	1388.1	59.7	2450.5	195.3	2645.8	73.2	2523.7
1975	1289.7	436.1	1477.0	12.0	3214.8	104.5	3319.3	53.8	3268.6	557.9	467.3	1473.6	54.7	2553.5	209.9	2763.4	55.2	2608.7
1976	1279.3	482.0	1373.9	12.0	3147.2	138.5	3285.7	64.0	3211.2	665.4	517.3	1777.2	58.6	3018.5	247.4	3265.9	67.3	3085.8
1977	1396.2	539.6	1510.6	15.0	3461.4	159.0	3620.4	92.5	3553.9	791.7	619.8	1880.3	81.3	3373.1	270.0	3643.1	52.9	3426.0
1978	1539.1	579.7	1507.6	15.5	3641.9	197.5	3839.4	52.2	3694.1	876.4	571.6	1967.5	90.0	3505.5	411.4	3916.9	60.5	3566.0
1979	1631.3	624.2	1525.1	17.0	3797.6	319.3	4116.9	20.0	3817.6	913.2	546.6	2134.4	119.3	3713.5	593.2	4306.7	39.3	3752.5
1980	1538.9	611.7	1363.4	18.0	3532.0	301.8	3833.8	19.6	3551.6	711.2	585.3	2071.0	115.0	3482.5	689.8	4172.3	35.6	3518.1
1981	1404.3	628.3	1430.0	20.5	3483.1	282.5	3765.6	18.9	3502.0	696.4	494.1	2005.4	132.0	3327.9	820.4	4148.3	60.5	3388.4
1982	1165.6	577.0	1134.8	16.5	2893.9	220.2	3114.1	23.8	2917.7	673.3	457.9	1767.5	138.9	3037.6	369.9	3407.5	51.2	3088.8
1983	1392.4	698.6	1294.4	NA	3385.4	187.3	3572.7	48.3	3433.7	897.1	492.2	2099.2	183.4	3671.9	281.5	3953.4	101.4	3773.3

Domestic consumption (CONS) means the sum of producers' domestic shipments and imports for consumption.

Imports for consumption (IMPORTS): yarn+monofil includes yarn singles, monofilaments & strips; staple+tow includes grouped filaments. Not included here are plied, spun & handwork yarns; sewing thread; sliver, tops & roving and waste.

a-i. See these lettered footnotes on the opposite page.

Noncellulosic data from 1940 are on page 5 of the January-February 1971 issue. Rayon+acetate data from 1911 are on page 9 of the January 1962 ORGANON Base Book.

U.S. MILL CONSUMPTION OF FIBER AND DOMESTIC CONSUMPTION OF FIBER & PRODUCTS

MILLION POUNDS & *Percent*

	MAN-MADE FIBER MILL CONSUMPTION = PRODUCERS' SHIPMENTS (DOM) PLUS IMPORTS FOR CONSUMPTION (IMP)																							
	CELLULOSIC FIBER											NONCELLULOSIC FIBER											GLASS FIBER TEXTILE END USES[b]	TOTAL GLASS FIBER (Non-Add)
	YARN+MONOFIL			STAPLE+TOW			WASTE					YARN+MONOFIL			STAPLE+TOW			WASTE						
YEAR	DOM	IMP	TOTAL	DOM	IMP	TOTAL	SHIP	IMP	EXP	NET	TOTAL	DOM	IMP	TOTAL	DOM	IMP	TOTAL	SHIP	IMP	EXP	NET	TOTAL		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	
1970	695.9	3.7	699.6	634.2	80.6	714.8	34.5	0.1	22.9	11.7	1426.1	1682.6	120.8	1803.4	1682.1	57.7	1739.8	136.3	21.7	31.3	126.7	3669.9	144.6	404.9
1971	729.3	5.2	734.5	669.8	81.3	751.1	36.3	--	15.9	20.4	1506.0	2100.1	234.4	2334.5	1964.1	93.3	2057.4	157.8	36.2	29.4	164.6	4556.5	141.8	466.7
1972	632.8	10.8	643.6	718.4	51.3	769.7	38.5	--	23.6	14.9	1428.2	2689.8	224.5	2914.3	2363.1	103.7	2466.8	202.7	48.0	63.5	187.2	5568.3	158.8	569.2
1973	589.9	18.1	608.0	734.5	47.4	781.9	36.8	--	37.5	-0.7	1389.2	3273.7	140.1	3413.8	2848.4	112.8	2961.2	274.8	47.8	98.6	224.0	6599.0	157.3	676.0
1974	473.4	9.2	482.6	589.2	38.7	627.9	29.9	0.2	33.0	-2.9	1107.6	3142.3	92.1	3234.4	2450.5	73.2	2523.7	246.4	46.3	91.2	201.5	5959.6	154.6	630.8
1975	338.6	9.2	377.8	385.4	37.9	423.3	13.2	0.1	12.4	0.9	802.0	3214.8	53.8	3268.6	2553.5	55.2	2608.7	228.7	25.0	50.0	203.7	6081.0	120.2	533.5
1976	314.5	25.1	339.6	472.0	43.2	515.2	14.7	0.4	14.6	0.5	855.3	3147.2	64.0	3211.2	3018.5	67.3	3085.8	262.3	30.5	70.2	222.6	6519.6	137.0	677.6
1977	327.5	23.5	351.0	452.9	57.8	510.7	18.5	0.6	12.6	6.5	868.2	3461.4	92.5	3553.9	3373.1	52.9	3426.0	291.0	23.2	66.1	248.1	7228.0	141.0	791.3
1978	337.6	25.7	363.3	466.2	41.1	507.3	15.7	0.4	7.0	9.1	879.7	3641.9	52.2	3694.1	3505.5	60.5	3566.0	263.9	26.0	88.7	201.2	7461.3	153.7	886.7
1979	343.4	13.3	356.7	449.4	16.5	465.9	17.2	0.8	9.6	8.4	831.0	3797.6	20.0	3817.6	3713.5	39.3	3752.8	238.6	21.1	137.7	122.0	7692.4	173.5	922.6
1980	316.7	8.3	325.0	397.7	10.3	408.0	13.5	0.3	6.1	7.7	740.7	3532.0	19.6	3551.6	3482.5	35.6	3518.1	170.2	21.5	116.4	75.3	7145.0	177.8	874.4
1981	272.9	10.7	283.6	400.9	16.8	417.7	15.3	0.5	2.8	13.0	714.3	3483.1	18.9	3502.0	3327.9	60.5	3388.4	174.2	49.9	107.3	116.8	7007.2	140.5	982.0
1982	199.1	7.0	206.1	294.7	13.4	308.1	10.7	0.4	3.2	7.9	522.1	2893.9	23.8	2917.7	3037.6	51.1	3088.7	173.2	37.8	86.1	124.9	6131.3	121.7	875.6
1983	222.9	8.7	231.6	334.9	13.6	348.5	9.4	0.3	1.4	8.3	588.4	3385.4	48.3	3433.7	3671.9	101.4	3773.3	214.1	46.1	71.3	188.9	7395.9	169.6	1203.5

	MILL CONSUMPTION OF 4 FIBERS										DOMESTIC CONSUMPTION OF 3 FIBERS (CONS) + MILL CONSUMPTION+IMPORTS (IMP) LESS EXPORTS (EXP) OF SEMIMANUFACTURED & MANUFACTURED PRODUCTS											
	MAN-MADE FIBER[a]		COTTON		WOOL		SILK		TOTAL		MAN-MADE FIBER			COTTON			WOOL			TOTAL		
YEAR	LB	%	LB	%	LB	%	LB	%	LB	%	IMP	EXP	CONS	IMP	EXP	CONS	IMP	EXP	CONS	IMP	EXP	CONS
	(24)		(25)		(26)		(27		(28)		(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
1970	5240.6	56.5	3773.6	40.6	273.3	2.9	1.8	--	9289.3	100	329.3	147.1	5422.8	463.1	199.2	4037.5	85.9	4.9	354.3	878.3	351.2	9814.6
1971	6204.3	59.7	3965.1	38.2	219.3	2.1	1.7	--	10390.4	100	451.1	146.7	6508.7	492.6	226.4	4231.3	66.2	9.4	276.1	1009.9	382.5	11016.1
1972	7155.3	63.6	3849.8	34.2	246.9	2.2	2.1	--	11254.1	100	480.5	177.6	7458.2	610.7	290.4	4170.1	63.0	30.6	279.3	1154.2	498.6	11907.6
1973	8145.5	68.0	3643.3	30.4	182.1	1.6	3.3	--	11974.2	100	465.3	288.2	8322.6	563.5	325.2	3881.6	61.3	30.8	212.6	1090.1	644.2	12416.8
1974	7221.8	67.8	3306.1	31.1	116.5	1.1	2.6	--	10647.0	100	371.3	390.7	7202.4	502.7	392.5	3416.3	53.3	23.0	146.8	927.3	806.2	10765.5
1975	7003.2	68.6	3068.7	30.1	132.0	1.3	1.0	--	10204.9	100	400.4	322.4	7081.2	501.3	353.7	3216.3	48.6	19.2	161.4	950.3	695.3	10458.9
1976	7511.9	68.0	3389.0	30.7	145.9	1.3	2.8	--	11049.6	100	479.5	352.2	7639.2	708.6	413.2	3684.4	66.7	13.9	198.7	1254.8	779.3	11522.3
1977	8237.2	71.4	3169.8	27.5	133.9	1.1	1.6	--	11542.5	100	530.7	367.6	8400.3	669.4	369.5	3469.7	85.9	11.5	208.3	1286.0	748.6	12078.3
1978	8494.7	72.8	3040.4	26.0	141.6	1.2	2.0	--	11678.7	100	642.6	441.7	8695.6	845.4	355.7	3530.1	92.2	11.6	222.2	1580.2	809.0	12447.9
1979	8696.9	73.1	3066.4	25.8	134.4	1.1	1.5	--	11899.2	100	525.0	596.6	8625.3	746.1	476.0	3334.5	80.6	14.0	201.0	1351.7	1088.6	12160.8
1980	8063.5	71.6	3064.4	27.2	137.8	1.2	*	--	11265.7	100	540.6	771.5	7832.6	810.9	523.1	3352.2	85.1	23.8	199.1	1436.6	1318.4	11383.9
1981	7862.0	73.1	2730.8	25.5	152.7	1.4	2.0	--	10747.5	100	639.1	637.7	7863.4	961.9	367.3	3325.4	93.1	11.8	234.0	1694.1	1016.8	11422.8
1982	6775.1	72.1	2478.9	26.5	129.5	1.4	2.0	--	9385.5	100	697.9	438.5	7034.5	897.2	253.4	3122.7	100.1	10.8	218.8	1695.2	702.7	10376.0
1983	8153.9	71.9	2795.7	26.6	162.5	1.5	2.0	--	11114.1	100	888.9	460.7	8582.1	1121.3	219.6	3697.4	131.1	16.9	274.7	2141.3	699.2	12554.2

a. Data include textile glass fiber as shown in Column 23 in the upper section. For detail on producers' shipments and imports of glass fiber, see page 37 of this issue.

b. Poundages include textile applications only for glass fiber used as yarn for weaving, tire cord and selected reinforced plastics. Other types of glass fiber (such as roving and mat applications) are included with the textile applications in the "non-add" column to the right.

SOURCES OF DATA, ARRANGED BY COLUMN NUMBER ( )

All Census import and export commodity numbers are as of January 1978.

1, 4, 7, 12, 15, 18 & 23 - This issue, page 21.

2 Import Classes 309.0310, .0610, .2000, 310.0106, .0130, .0206, .0230, .0510 & .0610.

5 - Import Classes 309.3010, .3110, .4320 & .4325.

8 - Import Classes 309.6615 & .7510.

9 - Export Class 309.7400.

13 - Import Classes 309.0200, .0330-.0365, .0500, .0630-.0665, .2100, .2500, 310.0109-.0114, .0149-.0170, .0209-.0214, .0249-.0270, .0530, .0550, .0630 & .0650.

16 - Import Classes 309.3030-.3065, .3130-.3165 & .4338-.4355.

19 - Import Classes 309.6000, .6625-.7000 & .7525-.7555.

20 - Export Classes 309.7620, .7630, .7640 & .7660.

25 - *U.S. Census Bureau Report M22P.*

26 - *U.S. Census Bureau Report M22D.*

27 - Import Classes 308.0200-.2000.

29, 30, 32, 33, 35 & 36 - *Cotton and Wool Outlook & Situation* (U.S. Department of Agriculture).

CERTAIN TOTALS IN THE TABLES

(Obvious totals such as Columns 1+2=3, 4+5=6, etc., are not described here.)

10 - Columns 7+8-9 24 - Columns 11+22+23 34 - Columns 25+32-33

21 - Columns 18+19-20 31 - Columns 24+29-30 37 - Columns 26+35-36

RAW FIBER EQUIVALENT OF IMPORTS & EXPORTS OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES

MILLION POUNDS

COMMODITY	MAN-MADE FIBER							COTTON							WOOL					
	ANNUAL AVERAGE							ANNUAL AVERAGE							ANNUAL AVERAGE					
	1970-1974	1975-1979	1979	1980	1981	1982	1983	1970-1974	1975-1979	1979	1980	1981	1982	1983	1970-1974	1975-1979	1979	1980	1981	1982	1983
IMPORTS																					
SEMIMANUFACTURED PRODUCTS																					
YARN, THREAD, ETC.[a]	25.4	34.1	37.5	30.2	34.9	38.2	58.0	27.1	18.9	12.4	19.4	24.1	28.5	42.1	8.2	5.4	4.2	4.2	5.0	7.7	7.6
CLOTH[b]	102.5	87.7	81.6	81.4	106.2	105.7	138.0	281.1	266.6	236.7	258.4	350.3	266.5	346.3	13.2	17.4	21.7	21.1	27.8	25.6	28.1
SUBTOTAL	**127.9**	**121.8**	**119.1**	**111.6**	**141.1**	**143.9**	**196.0**	**308.2**	**285.5**	**249.1**	**277.8**	**374.4**	**295.0**	**388.4**	**21.4**	**22.8**	**25.9**	**25.3**	**32.8**	**33.3**	**35.7**
MANUFACTURED PRODUCTS																					
WEARING APPAREL[c]	253.4	357.1	359.8	378.6	437.1	486.5	576.0	158.7	344.2	426.3	463.8	504.0	510.5	622.8	30.4	36.8	39.2	41.7	40.9	46.4	58.8
INDUSTRIAL[d]	7.6	0.7	0.1	0.1	0.3	1.1	1.3	8.3	5.7	5.6	10.1	8.8	10.0	14.3	*NOMINAL POUNDAGES INCLUDED IN OTHER*						
HOME FURNISHINGS[e]	30.6	36.0	46.0	50.3	60.6	66.5	115.6	36.9	40.7	44.4	45.4	59.5	67.0	78.0	11.7	14.1	14.4	17.3	18.5	19.6	34.8
ALL OTHER[f]								14.4	18.0	20.7	13.8	15.2	14.7	17.8	2.4	1.1	1.1	0.8	0.9	0.8	2.6
SUBTOTAL	**291.6**	**393.8**	**405.9**	**429.0**	**498.0**	**554.1**	**692.9**	**218.3**	**408.6**	**497.0**	**533.1**	**587.5**	**602.2**	**732.9**	**44.5**	**52.0**	**54.7**	**59.8**	**60.3**	**66.8**	**96.2**
TOTAL IMPORTS	**419.5**	**515.6**	**525.0**	**540.6**	**639.1**	**698.0**	**888.9**	**526.5**	**694.1**	**746.1**	**810.9**	**961.9**	**897.2**	**1121.3**	**65.9**	**74.8**	**80.6**	**85.1**	**93.1**	**100.1**	**131.9**
EXPORTS																					
SEMIMANUFACTURED PRODUCTS																					
YARN, THREAD, ETC.[a]	23.3	39.5	55.8	53.3	62.2	40.2	35.3	20.7	23.7	34.2	47.0	38.1	30.1	31.2	14.0	5.5	4.2	4.8	3.6	4.9	4.0
CLOTH[g]	113.0	186.0	257.6	298.5	256.4	174.8	148.6	170.0	224.9	267.1	212.3	127.7	84.8	59.4	0.7	1.2	1.5	1.6	1.9	1.4	1.1
SUBTOTAL	**136.3**	**225.5**	**313.4**	**351.8**	**318.6**	**215.0**	**183.9**	**190.7**	**248.6**	**301.3**	**259.3**	**165.8**	**114.9**	**90.6**	**14.7**	**6.7**	**5.7**	**6.4**	**5.5**	**6.3**	**5.1**
MANUFACTURED PRODUCTS																					
WEARING APPAREL	21.5	43.1	60.5	127.1	120.7	75.2	70.8	32.9	63.0	90.9	180.8	123.0	80.0	72.1	1.8	3.6	5.9	14.9	4.0	2.9	3.0
INDUSTRIAL[d]	11.2	46.0	87.0	115.5	48.1	27.8	23.2	17.8	23.4	25.2	19.6	17.5	14.3	11.6	*NOMINAL POUNDAGES INCLUDED IN OTHER*						
HOME FURNISHINGS[h]	24.3	52.5	65.6	111.4	84.2	65.9	10.7	23.5	36.9	42.2	43.0	38.7	28.3	31.6	1.7	1.9	0.3	0.4	0.3	0.2	9.3
ALL OTHER[i]	36.8	49.0	70.1	65.7	66.1	54.6	172.1	21.8	22.1	18.4	20.4	22.3	15.9	13.7	1.5	1.9	2.1	2.1	2.0	1.4	1.5
SUBTOTAL	**93.8**	**190.6**	**283.2**	**419.7**	**319.1**	**223.5**	**275.8**	**96.0**	**145.4**	**176.7**	**263.8**	**201.5**	**138.5**	**129.0**	**5.0**	**7.4**	**8.3**	**17.4**	**6.3**	**4.5**	**13.8**
TOTAL EXPORTS	**230.1**	**416.1**	**596.6**	**771.5**	**637.7**	**438.5**	**460.7**	**286.7**	**394.0**	**478.0**	**523.1**	**367.3**	**253.4**	**219.6**	**19.7**	**14.1**	**14.0**	**23.8**	**11.8**	**10.8**	**18.9**
NET EXPORTS (+) OR NET IMPORTS (-)	**-189.4**	**-99.5**	**+71.6**	**+230.9**	**-1.4**	**-259.5**	**-428.2**	**-239.8**	**-300.1**	**-268.1**	**-287.8**	**-594.6**	**-643.8**	**-901.7**	**-46.2**	**-60.7**	**-66.6**	**-61.3**	**-81.3**	**-89.3**	**-113.0**

SOURCE: U.S. Department of Agriculture, *Cotton and Wool Outlook & Situation.*

a. Man-made fiber yarn exports do not include substantial poundages of indirect exports. Indirect exports are shipments which are billed to a domestic customer by a yarn producer but which are ultimately exported by the customer. Indirect export data are available for the years 1980-1983 only; the corresponding poundages for each year are, respectively (in millions of pounds): 142.4, 254.0, 166.2 & 87.0.

Includes sliver, tops, roving, plied (textured and other), thrown and spun yarn, sewing thread and handwork yarns. Yarn singles (textured and other) are not included here; rather they are included in Column 13 on page 38 of this issue.

b. Includes broad & narrow woven fabrics and knit cloth, except that cotton narrow fabrics and wool knit fabrics are included in All Other.

c. Wool includes lace & lace articles, veils & veilings and nets & nettings.

d. The man-made fiber data are tire cord & tire cord fabric.

e. Includes carpets & rugs. Lace window curtains are in All Other.

f. Includes such products as lace & lace articles, lace window curtains, braids, tassels, polishing & dustcloths, etc. Wool includes knit fabric in the piece, but not lace & lace articles, which are in Wearing Apparel.

g. Includes broad & narrow woven fabrics and knit cloth. Cotton also includes table damask, tire cord & fabric. Cotton knit fabrics and narrow fabrics are included in All Other.

h. Includes carpets & rugs.

i. Includes such products as lace & lace articles, polishing & dustcloths, braids, tassels, etc. Cotton also includes knits and narrow fabric.

Note: In the case of blended or mixed fiber products, the poundages of each of the component fibers have been estimated and included in the proper category, e.g., in a polyester and cotton fabric, the polyester portion is tabulated with man-made fiber and the cotton portion with cotton. A waste factor has been included to bring the data to the equivalent raw fiber consumption.

U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER & MANUFACTURES, COTTON MANUFACTURES & WOOL MANUFACTURES

MILLION POUNDS

PRODUCTS	3RD Q 1982			4TH Q 1982			1ST Q 1983			2ND Q 1983			3RD Q 1983			4TH Q 1983		
	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]
CELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	1.6	6.0	4.4 E	1.3	4.2	2.9 E	2.0	5.1	3.1 E	2.0	3.4	1.4 E	2.6	3.8	1.2 E	2.1	3.4	1.3 E
STAPLE+TOW[b]	4.1	17.4	13.3 E	2.8	19.9	17.1 E	2.3	8.6	6.3 E	4.1	18.7	14.6 E	3.5	9.2	5.7 E	3.8	6.7	2.9 E
WASTE	0.1	0.4	0.3 E	0	0.5	0.5 E	+	0.4	0.4 E	0.1	0.2	0.1 E	+	0.2	0.2 E	0.1	0.6	0.5 E
SUBTOTAL ABOVE	**5.8**	**23.8**	**18.0 E**	**4.1**	**24.6**	**20.5 E**	**4.3**	**14.1**	**9.8 E**	**6.2**	**22.3**	**16.1 E**	**6.1**	**13.2**	**7.1 E**	**6.0**	**10.7**	**4.7 E**
NONCELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	6.9	62.4	55.5 E	7.8	59.8	52.0 E	9.1	64.4	55.3 E	11.2	61.3	50.1 E	11.3	50.6	39.3 E	16.8	50.4	33.6 E
STAPLE+TOW	15.4	87.0	71.6 E	15.4	89.8	74.4 E	18.8	88.6	69.8 E	24.2	88.8	64.6 E	21.6	60.4	38.8 E	36.8	73.9	37.1 E
WASTE	9.3	13.7	4.4 E	7.8	20.0	12.2 E	9.0	18.0	9.0 E	10.8	16.3	5.5 E	12.3	16.7	4.4 E	13.7	20.3	6.6 E
SUBTOTAL ABOVE	**31.6**	**163.1**	**131.5 E**	**31.0**	**169.6**	**138.6 E**	**36.9**	**171.0**	**134.1 E**	**46.2**	**166.4**	**120.2 E**	**45.2**	**127.7**	**82.5 E**	**67.3**	**144.6**	**77.3 E**
TOTAL FIBER ABOVE[c]	**37.4**	**186.9**	**149.5 E**	**35.1**	**194.2**	**159.1 E**	**41.2**	**185.1**	**143.9 E**	**52.4**	**188.7**	**136.3 E**	**51.3**	**140.9**	**89.6 E**	**73.3**	**155.3**	**82.0 E**
MAN-MADE FIBER MANUFACTURES[d]																		
SLIVER, TOPS & ROVING	1.0	1.9	0.9 E	0.4	1.1	**0.7 E**	1.4	1.1	0.3 I	1.5	1.0	0.5 I	1.2	1.1	0.1 I	0.8	1.3	0.5 E
SPUN YARNS	9.0	6.5	2.5 I	9.4	5.9	3.5 I	7.8	2	0.6 I	10.2	7.6	2.6 I	12.9	5.5	7.4 I	10.9	5.5	5.4 I
THREAD & CRAFT YARNS	0.4	1.0	0.6 E	0.7	1.3	0.6 E	0.8	1.3	0.5 E	0.8	1.4	0.6 E	0.7	1.1	0.4 E	1.1	1.3	0.2 E
TIRE CORD & FABRIC	0.3	6.2	5.9 E	0.7	5.3	4.6 E	0.6	4.4	3.8 E	0.5	5.2	4.7 E	+	6.8	6.8 E	0.1	6.8	6.7 E
WOVEN FABRIC	26.1	31.3	5.2 E	21.4	33.9	12.5 E	25.1	28.3	3.2 E	34.9	29.0	5.9 I	33.6	25.5	8.1 I	29.6	25.8	3.8 I
KNIT FABRIC	0.6	4.2	3.6 E	0.5	4.3	3.8 E	0.5	3.5	3.0 E	0.5	3.5	3.0 E	0.5	3.7	3.2 E	0.7	3.5	2.8 E
NARROW FABRICS	2.5	6.7	4.2 E	2.0	6.1	4.1 E	3.7	5.1	1.4 E	3.2	6.4	3.2 E	3.0	7.6	4.6 E	2.9	6.5	3.6 E
APPAREL - KNIT	65.8	17.9	135.0 I	47.4	14.5	97.5 I	48.0	17.6	105.2 I	64.5	17.0	126.1 I	77.3	17.6	157.6 I	51.5	18.7	114.5 I
- NOT KNIT	87.1			64.6			74.8			78.6			97.9			81.7		
HOME FURNISHINGS[e]	19.0	14.1	8.2 E	16.0	14.7	12.0 E	23.2	15.7	7.3 E	28.7	36.5	22.3 E	30.1	27.3	11.7 E	39.2	25.5	0
OTHER		13.1			13.3			14.8			14.5			14.5			13.7	
TOTAL MANUFACTURES	**211.8**	**102.9**	**108.9 I**	**163.1**	**100.4**	**62.7 I**	**185.9**	**99.0**	**86.9 I**	**223.4**	**122.1**	**101.3 I**	**257.2**	**110.7**	**146.5 I**	**218.5**	**108.6**	**109.9 I**
TOTAL MAN-MADE FIBER & MANUFACTURES	**249.2**	**289.8**	**40.6 E**	**198.2**	**294.6**	**96.4 E**	**227.1**	**284.1**	**57.0 E**	**275.8**	**310.8**	**35.0 E**	**308.5**	**251.6**	**56.9 I**	**291.8**	**263.9**	**27.9 I**
COTTON MANUFACTURES[f]	**250.0**	**59.1**	**190.9 I**	**214.4**	**55.6**	**158.8 I**	**273.8**	**56.0**	**217.8 I**	**265.2**	**55.6**	**209.6 I**	**305.2**	**51.9**	**253.3 I**	**282.4**	**55.4**	**227.0 I**
WOOL MANUFACTURES[g]	**37.0**	**2.9**	**34.1 I**	**23.9**	**2.5**	**21.4 I**	**25.0**	**10.8**	**14.2 I**	**35.5**	**13.5**	**22.0 I**	**49.8**	**5.8**	**44.0 I**	**35.7**	**6.1**	**29.6 I**

SOURCES: The man-made fiber import and export data are from the U.S. Bureau of the Census. The man-made, cotton and wool manufactures data are from *Cotton and Wool Outlook & Situation*, a publication of the U.S. Department of Agriculture.

The total man-made fiber and manufactures import, export and balance data of this table cover the cellulosic and noncellulosic fibers only; textile glass fiber is excluded.

a. **E** means a net export balance
I is a net import balance.
b. Acetate tow is excluded.
c. The fibers included are shown as "Total Man-Made Fiber Above" on pages 29 and 30 of the February 1984 issue.
d. Man-made fiber equivalent.
e. These import data do not reflect significant poundages of luggage. For May-December 1982 this poundage totaled 109.1 million pounds. For 1983, on a quarterly basis, the total was 40.0, 41.2, 47.3 and 52.1 million pounds.
f. Raw cotton equivalent. Data are similar to those on page 39 of this issue.
g. Raw wool content. The data differ from those on page 39 of this issue to the extent that noils and waste are included here.

U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBERS, COTTON & WOOL MANUFACTURES

MILLION POUNDS

PRODUCTS	1978			1979			1980			1981			1982			1983		
	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]
MAN-MADE FIBER MANUFACTURES																		
SLIVER, TOPS & ROVING	7.6	10.2	2.6 E	6.7	13.2	6.5 E	2.8	13.1	10.3 E	3.7	11.0	7.3 E	2.7	6.7	4.0 E	4.9	4.5	0.4 I
SPUN YARNS[b]	49.6	21.8	27.8 I	28.3	34.2	5.9 E	25.1	32.8	7.7 E	28.3	45.7	17.4 E	33.1	28.2	4.9 I	49.7	25.7	24.0 I
THREAD & CRAFT YARNS	2.5	5.8	3.3 E	2.6	8.4	5.8 E	2.3	7.4	5.1 E	2.9	5.5	2.6 E	2.3	5.3	3.0 E	3.4	5.1	1.7 E
TIRE CORD & FABRIC	0.1	63.9	63.8 E	0.1	87.0	86.9 E	0.1	115.5	115.4 E	0.3	48.1	47.8 E	1.1	27.8	26.7 E	1.3	23.2	21.9 E
WOVEN FABRIC	87.8	165.7	77.9 E	64.6	228.7	164.1 E	67.3	249.8	182.5 E	95.4	208.5	113.1 E	93.3	132.6	39.3 E	123.2	108.7	14.5 I
KNIT FABRIC	12.4	9.8	2.6 I	8.0	16.4	8.4 E	6.0	23.2	17.2 E	2.1	21.7	19.6 E	2.3	15.6	13.3 E	2.2	14.2	12.0 E
NARROW FABRIC	9.4	12.0	2.6 E	8.9	12.5	3.6 E	8.1	25.5	17.4 E	8.7	26.2	17.5 E	10.1	26.6	16.5 E	12.7	25.7	13.0 E
APPAREL - KNIT	242.4	48.6	307.0 I	184.5	60.5	299.3 I	187.7	127.1	251.5 I	184.7	120.7	316.4 I	193.1	75.2	410.1 I	241.3	70.8	503.6 I
- NOT KNIT	183.2			175.3			190.9			252.4			292.2			333.1		
HOME FURNISHINGS	47.6	43.8	56.3 E	46.0	65.6	89.7 E	50.3	111.4	126.8 E	60.6	84.2	89.7 E	67.7	65.9	52.8 E	117.1	10.7	65.7 E
OTHER		60.1			70.1			65.7			66.1			54.6			172.1	
TOTAL MAN-MADE FIBER MANUFACTURES	**642.6**	**441.7**	**200.9 I**	**525.0**	**596.6**	**71.6 E**	**540.6**	**771.5**	**230.9 E**	**639.1**	**637.7**	**1.4 I**	**697.9**	**438.5**	**259.4 I**	**888.9**	**460.7**	**429.2 I**
COTTON MANUFACTURES																		
SPUN YARNS[c]	30.4	22.1	8.3 I	11.9	29.8	17.9 E	18.6	32.3	13.7 E	23.1	22.9	0.2 I	27.3	18.8	8.5 I	40.9	19.6	21.3 I
THREAD & CRAFT YARNS	0.4	9.9	9.5 E	0.5	4.4	3.9 E	0.8	14.7	13.9 E	1.0	15.2	14.2 E	1.2	11.3	10.1 E	1.2	11.6	10.4 E
WOVEN FABRIC[c]	299.9	187.8	112.1 I	236.7	267.1	30.4 E	258.4	212.3	46.1 I	350.3	127.7	222.6 I	266.5	84.8	181.7 I	346.3	59.4	286.9 I
APPAREL - KNIT	430.2	21.3	368.4 I	426.3	33.3	335.4 I	463.8	65.2	283.0 I	504.0	60.4	381.0 I	510.5	34.7	430.5 I	622.8	28.0	550.7 I
- NOT KNIT		40.5			57.6			115.6			62.6			45.3			44.1	
HOME FURNISHINGS	57.7	32.2	25.5 I	44.4	42.2	2.2 I	45.4	43.0	2.4 I	59.5	38.7	20.8 I	67.0	28.3	38.7 I	78.0	31.6	46.4 I
OTHER	26.8	41.9	15.1 E	26.3	43.6	17.3 E	23.9	40.0	16.1 E	24.0	39.8	15.8 E	24.7	30.2	5.5 E	32.1	25.3	6.8 I
TOTAL COTTON MANUFACTURES	**845.4**	**355.7**	**489.7 I**	**746.1**	**478.0**	**268.1 I**	**810.9**	**523.1**	**287.8 I**	**961.9**	**367.3**	**594.6 I**	**897.2**	**253.4**	**643.8 I**	**1121.3**	**219.6**	**901.7 I**
WOOL MANUFACTURES																		
SLIVER, TOPS & ROVING	0.6	1.3	0.7 E	0.4	3.2	2.8 E	0.3	4.2	3.9 E	0.3	2.6	2.3 E	0.5	4.3	3.8 E	0.8	3.8	3.0 E
SPUN YARNS	5.5	1.3	4.2 I	3.8	1.0	2.8 I	3.9	0.6	3.3 I	4.7	1.0	3.7 I	7.2	0.6	6.6 I	7.6	0.2	7.4 I
WOVEN FABRIC	25.8	1.0	24.8 I	21.7	1.2	20.5 I	21.1	1.4	19.7 I	27.8	1.7	26.1 I	25.6	1.3	24.3 I	28.1	1.1	27.0 I
KNIT FABRIC	0	0.2	0.2 E	0	0.3	0.3 E	0	0.2	0.2 E	0	0.2	0.2 E	0	0.1	0.1 E	0	0.2	0.2 E
APPAREL - KNIT	22.3	4.3	18.0 I	19.1	4.6	14.5 I	24.4	13.0	11.4 I	22.8	2.0	20.8 I	25.7	1.8	23.9 I	30.3	2.1	28.2 I
- NOT KNIT	22.6	1.2	21.4 I	20.1	1.3	18.8 I	17.3	1.9	15.4 I	18.1	2.0	16.1 I	20.7	1.1	19.6 I	28.5	0.9	27.6 I
HOME FURNISHINGS	14.5	0.8	13.7 I	14.4	0.3	14.1 I	17.3	0.4	16.9 I	18.5	0.3	18.2 I	19.6	0.2	19.4 I	34.8	9.3	25.5 I
OTHER	0.9	1.5	0.6 E	1.1	2.1	1.0 E	0.8	2.1	1.3 E	0.9	2.0	1.1 E	0.8	1.4	0.6 E	1.0	1.3	0.3 E
TOTAL WOOL MANUFACTURES	**92.2**	**11.6**	**80.6 I**	**80.6**	**14.0**	**66.6 I**	**85.1**	**23.8**	**61.3 I**	**93.1**	**11.8**	**81.3 I**	**100.1**	**10.8**	**89.3 I**	**131.1**	**18.9**	**112.2 I**
TOTAL MANUFACTURES	**1580.2**	**809.0**	**771.2 I**	**1351.7**	**1088.6**	**263.1 I**	**1436.6**	**1318.4**	**118.2 I**	**1694.1**	**1016.8**	**677.3 I**	**1695.2**	**702.7**	**992.5 I**	**2141.3**	**699.2**	**1442.1 I**

SOURCE: *Cotton and Wool Outlook & Situation,* a publication of the U.S. Department of Agriculture.

a. **E** means a net export balance
I is a net import balance.

b. Includes thrown or plied yarn imports.
c. Includes twine & cordage exports.
d. Includes tire cord exports.

U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBERS

MILLION POUNDS

PRODUCTS	1978			1979			1980			1981			1982			1983		
	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]
CELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	25.7	20.7	5.0 I	13.3	30.8	17.5 E	8.3	26.9	18.6 E	10.7	24.7	14.0 E	7.0	22.1	15.1 E	8.7	15.8	7.1 E
STAPLE+TOW[b]	41.1	86.9	45.8 E	16.5	106.5	90.0 E	10.3	71.1	60.8 E	16.8	62.1	45.3 E	13.4	67.0	53.6 E	13.6	43.2	29.6 E
WASTE	0.4	7.0	6.6 E	0.8	9.6	8.8 E	0.3	6.1	5.8 E	0.5	2.8	2.3 E	0.4	3.2	2.8 E	0.3	1.4	1.1 E
SUBTOTAL ABOVE	**67.2**	**114.6**	**47.4 E**	**30.6**	**146.9**	**116.3 E**	**18.9**	**104.1**	**85.2 E**	**28.0**	**89.6**	**61.6 E**	**20.8**	**92.3**	**71.5 E**	**22.6**	**60.4**	**37.8 E**
NONCELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	52.2	174.4	122.2 E	20.0	290.8	270.8 E	19.6	355.3	335.7 E	18.9	463.4	444.5 E	23.8	346.4	322.6 E	48.4	226.7	178.3 E
STAPLE+TOW	60.5	428.9	368.4 E	39.4	658.3	618.9 E	35.5	732.5	697.0 E	60.4	790.7	730.3 E	51.1	411.0	359.9 E	101.5	311.8	210.3 E
WASTE	26.0	88.7	62.7 E	21.1	137.7	116.6 E	21.7	116.4	94.7 E	50.0	107.3	57.3 E	37.8	86.1	48.3 E	46.1	71.3	25.2 E
SUBTOTAL ABOVE	**138.7**	**692.0**	**553.3 E**	**80.5**	**1086.8**	**1006.3 E**	**76.8**	**1204.2**	**1127.4 E**	**129.3**	**1361.4**	**1232.1 E**	**112.7**	**843.5**	**730.8 E**	**196.0**	**609.8**	**413.8 E**
TOTAL MAN-MADE FIBER ABOVE	**205.9**	**806.6**	**600.7 E**	**111.1**	**1233.7**	**1122.6 E**	**95.7**	**1308.3**	**1212.6 E**	**157.3**	**1451.0**	**1293.7 E**	**133.5**	**935.8**	**802.3 E**	**218.6**	**670.2**	**451.6 E**
TEXTILE GLASS FIBER	21.8	29.2	7.4 E	10.3	47.5	37.2 E	7.3	54.4	47.1 E	18.2	38.9	20.7 E	14.1	43.7	29.6 E	20.0	39.4	19.4 E
GRAND TOTAL ABOVE	**227.7**	**835.8**	**608.1 E**	**121.4**	**1281.2**	**1159.8 E**	**103.0**	**1362.7**	**1259.7 E**	**175.5**	**1489.9**	**1314.4 E**	**147.6**	**979.5**	**831.9 E**	**238.6**	**709.6**	**471.0 E**

SOURCES: The fiber import and export data are from the the U.S. Bureau of the Census.

a. **E** means a net export balance; I is a net import balance.

b. Acetate tow is excluded.

RAW COTTON CONSUMPTION

THOUSAND BALES

MONTH	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
JANUARY	687	655	431	627	509	493	603	604	435	378	404
FEBRUARY	597	592	395	559	528	501	472	506	446	398	430
MARCH	661	644	438	655	654	620	506	513	539	492	549
APRIL	632	610	462	596	507	484	584	622	433	409	431
MAY	637	633	501	579	507	484	484	496	441	392	441
JUNE	604	546	494	610	616	575	489	478	531	460	540
JULY	504	535	485	489	395	383	503	487	385	317	369
AUGUST	636	562	531	550	494	459	472	442	429	386	453
SEPTEMBER	543	489	548	556	606	569	482	456	517	474	560
OCTOBER	649	529	629	554	835	482	630	597	448	416	459
NOVEMBER	620	432	604	527	504	595	482	458	403	390	446
DECEMBER	509	390	624	531	562	435	436	475	400	425	468
TOTAL	**7279**	**6617**	**6142**	**6833**	**6717**	**6080**	**6143**	**6134**	**5407**	**4937**	**5553**

RAW SILK DELIVERIES

BALES

MONTH	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
JANUARY	556	124	190	925	352	321	501	312	471	450	280
FEBRUARY	355	305	188	469	239	394	302	644	380	489	506
MARCH	450	233	410	689	242	424	687	422	471	662	390
APRIL	499	277	393	362	212	382	353	507	446	398	462
MAY	393	175	394	251	254	397	471	366	322	234	717
JUNE	119	288	219	579	259	299	418	285	529	369	377
JULY	577	269	380	337	322	316	407	257	300	495	264
AUGUST	214	139	219	358	311	341	756	332	259	403	474
SEPTEMBER	71	97	505	422	370	401	492	342	348	364	534
OCTOBER	93	302	585	268	424	280	490	365	414	226	529
NOVEMBER	105	151	225	222	322	468	368	265	487	514	587
DECEMBER	246	96	641	159	433	214	518	323	611	317	324
TOTAL	**3678**	**2456**	**4349**	**5041**	**3740**	**4237**	**5763**	**4420**	**5038**	**4921**	**5444**

FILAMENT YARN DOMESTIC SHIPMENTS BY DENIER

MILLION POUNDS

ACETATE

DENIER	1977	1978	1979	1980	1981	1982	1983
55 (62 & FINER)	62.5	67.1	68.0	66.1	45.3	37.3	36.2
75 (63-87)	66.1	72.3	63.8	67.5	62.3	39.1	45.6
100 (88-112)	15.0	20.2	26.5	31.4	26.6	19.3	19.9
150 (113-162)	89.5	91.3	108.9	87.6	77.5	62.5	83.9
200 (163-237)	2.3	2.4	3.4	2.6	1.5	0.7	0.7
300 (238-374)	10.4	9.6	9.7	7.3	7.3	6.4	8.0
450 (375 & COARSER)	13.6	11.7	8.1	6.7	5.8	3.7	3.3
TOTAL DOMESTIC SHIPMENTS	**259.4**	**274.6**	**288.4**	**269.2**	**226.3**	**169.0**	**197.6**
Average Denier[a]	*91*	*90*	*92*	*88*	*91*	*92*	*96*

POLYESTER TEXTILE

DENIER	1977	1978	1979	1980	1981	1982	1983
55 & FINER	22.2	25.9	30.1	37.3	48.6	28.6	36.6
70 (56-89)	136.8	212.5	215.0	191.3	147.9	141.0	162.1
100 (90-109)	61.0	58.1	63.4	32.6	41.4	56.4	51.2
120 (110-129)	12.4	18.6	4.8	2.8	68.9	41.7	21.1
135 (130-144)	23.2	15.3	18.6	10.1			
150 (145-179)	869.1	783.7	765.2	738.6	745.1	519.3	641.1
180 & COARSER[c]	42.5	49.8	66.8	65.3	68.9	61.0	70.9
TOTAL DOMESTIC SHIPMENTS	**1167.2**	**1163.9**	**1163.9**	**1078.0**	**1120.8**	**848.0**	**983.0**
Average Denier[a]	*124*	*116*	*116*	*118*	*121*	*115*	*115*

NYLON TEXTILE

DENIER	1977	1978	1979	1980	1981	1982	1983
MONOFILS & FEWOFILS[b]	23.3	27.9	31.7	29.1	23.5	25.4	27.5
FILAMENT YARN							
34 & FINER	42.6	41.0	38.0	35.9	39.8	30.3	36.8
40 (35-59)	132.5	164.1	177.5	155.4	142.8	117.8	152.7
70 (60-89)	124.2	122.0	112.4	109.0	85.7	63.9	75.5
100 (90-109)	38.7	43.6	43.7	42.7	43.4	37.4	29.4
140 (110-179)	18.5	20.2	21.2	21.1	26.2	18.5	16.1
200 (180-204)	11.4	19.7	18.6	18.2	19.7	16.1	18.0
205 & COARSER[c]	41.4	44.3	18.1	15.2	17.5	12.2	13.8
TOTAL DOMESTIC SHIPMENTS	**432.6**	**482.8**	**461.2**	**426.6**	**398.6**	**321.6**	**369.8**
Average Denier[a]	*49*	*48*	*45*	*46*	*47*	*38*	*43*

NYLON CARPET

DENIER	1977	1978	1979	1980	1981	1982	1983
1199 & FINER	369.0	443.8	479.2	460.6	138.4	138.0	212.1
1200-1499					331.7	300.9	385.4
1800 (1500-1900)	114.8	126.6	131.2	149.4	88.9	65.3	83.9
2600 (1901-2700)	114.7	89.4	100.7	84.8	55.5	40.0	44.4
2701 & COARSER	19.3	18.0	21.4	19.7	19.1	15.3	8.8
TOTAL DOMESTIC SHIPMENTS	**617.8**	**677.8**	**732.5**	**714.5**	**633.6**	**559.5**	**734.6**
Average Denier[a]	*1557*	*1503*	*1506*	*1503*	*1448*	*1423*	*1398*

a. Average Denier calculated by harmonic mean method.

b. Monofilaments up to 40 denier. Fewofils are multifilament yarns with 4 or fewer filaments in the bundle.

c. Includes low denier industrial yarn through 1978.

PRODUCERS' WASTE SHIPMENTS

MILLION POUNDS

YEAR	RAYON	NONCELLULOSIC	YEAR	RAYON	NONCELLULOSIC
1961	32.8	32.3	**1973**	36.8	274.8
1962	34.5	37.7	**1974**	29.9	246.4
1963	40.2	42.0	**1975**	13.2	228.7
1964	49.0	45.9	**1976**	14.7	262.3
1965	51.5	55.2	**1977**	18.5	291.0
1966	44.6	66.5	**1978**	15.7	263.9
1967	36.1	92.8	**1979**	17.2	238.6
1968	44.3	122.3	**1980**	13.5	170.2
1969	39.4	140.3	**1981**	15.3	174.2
1970	34.5	136.3	**1982**	10.7	173.2
1971	36.3	157.8	**1983**	9.4	214.1
1972	38.5	202.7			

1983 IMPORT/EXPORT REVIEW

In 1983, U.S. imports of man-made fiber apparel rose by 13.4% to 2,380 million equivalent square yards. Accounting for over 90% of the total, imports from Africa, Asia and Oceania rose by 13.4%, an increase of over 57% since 1977.

Imports from Taiwan totaled 750 million equivalent square yards, an increase of nearly 14% over 1982 and more than 52% since 1977. Imports from the Republic of Korea rose 10% in 1983 to 575 million equivalent square yards.

1983 imports of man-made fiber apparel from the People's Republic of China totaled 213 million equivalent square yards, an increase of nearly 11% above 1982 and 4,160% above 1977. On a year-to year basis from 1977-1982, these imports rose 160% between 1977 and 1978, and nearly 185% between 1978 and 1979, 27% between 1979 and 1980, 102% between 1980 and 1981 and 102% between 1981 and 1982.

Between the years of 1982-1983, U.S. exports of noncellulosic yarn+monofilaments fell to 226.7 million pounds, a drop of nearly 120 million pounds. This decline represented a loss of $155.5 million since 1982.

In 1983, exports of noncellulosic staple+tow fell by over 99 million pounds to 311.8 million pounds. This decline was equivalent to a loss of $78.4 million since 1982.

The following feature (pages 44-51) provides 1983 imports and exports of man-made fibers, man-made fiber apparel and other man-made fiber manufactures. The entire import/export situation for man-made fiber is presented in terms of by-country and by-product data, as well as poundage and dollar values. Please note that the table opposite exhibits a percent change analysis to better depict particular import trends.

U.S. IMPORTS OF SELECTED MAN-MADE FIBER MANUFACTURES

ITEM	COMMODITY NUMBER AS OF 1/1/82	THOUSAND POUNDS					THOUSAND DOLLARS				
		1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
KNIT FABRIC IN THE PIECE											
RAYON & ACETATE	345.5011 - .5077 INCLUSIVE	311	176	318	448	225	1557	1106	1660	2311	1168
ACRYLIC		80	147	127	146	145	530	970	725	1122	638
NYLON		455	316	346	440	407	2469	1844	2208	3123	2317
POLYESTER		2315	1548	1066	849	1053	11029	7714	5171	4256	6903
OTHER MAN-MADE FIBER		548	409	242	354	314	3473	2264	1399	2089	1772
TOTAL KNIT FABRICS		**3709**	**2596**	**2099**	**2237**	**2144**	**19058**	**13898**	**11163**	**12901**	**12798**
BROAD WOVEN FABRICS											
MAN-MADE FIBER FABRICS CONTAINING MORE THAN 17% WOOL											
RAYON OR ACETATE	338.1000 - .1580	12	42	28	9	26	50	394	184	73	127
NYLON		151	140	88	168	120	1392	1401	785	1366	1052
POLYESTER		16190	16389	22170	19799	23446	63224	71725	91704	82658	92431
OTHER MAN-MADE FIBER		10386	12907	16554	10266	7785	32310	47892	54231	31407	21927
OTHER WOVEN FABRICS IN THE PIECE EXCEPT PILE FABRICS											
ACETATE		353	333	113	250	464	4115	4043	1517	1349	1809
RAYON - 100% FILAMENT YARN		2236	2397	1332	1060	1590	14228	15620	9102	6454	8005
- OTHER MAINLY 100% YARN		1905	2366				12074	15750			
RAYON &/OR ACETATE	338.2500 - .5069[a] INCLUSIVE			3753	2744	4623			31162	17287	26078
RAYON OR ACETATE & COTTON					273	352				1646	1632
ACRYLIC		616	608	297	295	191	3348	3644	1634	1806	1168
NYLON		2468	1233	501	990	2522	11920	7619	4450	5893	10212
POLYESTER		28475	30424	45870	41250	50238	200488	212348	318203	286794	317131
POLYESTER & RAYON					395	661				1140	1153
POLYESTER & COTTON					10689	16138				41396	48415
TEXTILE GLASS FIBER		2055	1909	1807	2251	4915	4045	4102	4610	4935	12065
OTHER MAN-MADE FIBER		1169	1386	5542	4249	6260	6212	7389	35423	27616	29655
OTHER MAN-MADE FIBER & COTTON					545	633				3710	3473
VELVETS	346.6010 - .6065	1405	1043	757	579	1244	5641	4851	3515	2273	3931
OTHER PILE FABRICS		1227	914	671	1031	1155	8940	7226	4335	5995	5826
TIRE FABRIC	357.8060	97	46	273	1069	1253	220	94	514	1520	1660
TOTAL BROAD WOVEN FABRICS		**68745**	**72137**	**99756**	**97912**	**123616**	**368207**	**404098**	**561369**	**525318**	**587750**

a. As of 1978, the commodity numbers for Other Woven Fabrics in the Piece Except Pile Fabrics ran from 338.2500 to 338.3098. In both 1981 and 1982 those commodity numbers, with the exception of those for textile glass (338.2500 & .2700), were revised, leaving both 1981 and 1982 data not comparable with those for earlier years.

U.S. GENERAL IMPORTS OF MAN-MADE FIBER APPAREL

MILLIONS OF EQUIVALENT SQUARE YARDS & *Percent*

COUNTRY	1977	%[b]	1978	%[a]	%[b]	1979	%[a]	%[b]	1980	%[a]	%[b]	1981	%[a]	%[b]	1982	%[a]	%[b]	1983	%[a]	%[b]
CHINA, P.R.O.	5	0.3	13	+160.0	0.7	37	+184.6	2.3	47	+27.0	2.6	95	+102.1	4.9	192	+102.1	9.1	213	+10.9	8.9
HONG KONG	191	11.9	250	+30.9	13.3	210	-16.0	12.7	207	-1.4	11.6	228	+10.1	11.8	240	+5.3	11.4	275	+14.6	11.5
INDIA	1	0.1	3	+200.0	0.2	4	+33.3	0.2	3	-25.0	0.2	4	+33.3	0.2	4	--	0.2	8	+100.0	0.3
INDONESIA	1	0.1	1	--	0.1	2	+50.0	0.1	2	--	0.1	2	--	0.1	7	+250.0	0.4	14	+100.0	0.6
ISRAEL	11	0.7	15	+36.4	0.8	10	-33.3	0.6	9	-10.0	0.5	5	-44.4	0.3	4	-20.0	0.2	4	--	0.2
JAPAN	114	7.1	110	-3.5	5.9	52	-52.7	3.1	44	-15.4	2.5	35	-20.5	1.8	26	-25.7	1.2	35	+34.6	1.5
KOREA, REP. OF	399	24.8	418	+4.8	22.4	377	-9.8	22.8	449	+19.1	25.0	540	+20.3	28.1	522	-3.3	24.9	575	+10.1	24.2
MACAO	10	0.6	20	+100.0	1.0	25	+25.0	1.5	17	-32.0	1.0	22	+29.4	1.1	21	-4.5	1.0	25	+19.0	1.1
MALAYSIA	1	0.1	3	+200.0	0.2	3	--	0.2	3	--	0.2	5	+66.7	0.3	7	+40.0	0.4	8	+14.3	0.3
PHILIPPINES	98	6.1	116	+18.4	6.2	112	-3.4	6.8	103	-8.0	5.8	105	+1.9	5.4	108	+2.9	5.1	120	+11.1	5.1
SINGAPORE	28	1.7	56	+100.0	3.0	49	-12.5	3.0	39	-20.4	2.2	42	+7.7	2.2	48	+14.3	2.3	54	+12.5	2.3
SRI LANKA	+	--	3	+100.0	0.2	6	+100.0	0.3	7	+16.7	0.4	9	+28.6	0.5	20	+122.2	0.9	22	+10.0	0.9
TAIWAN	492	30.5	549	+11.6	29.4	480	-12.6	29.0	596	+24.2	33.3	586	-1.7	30.5	660	+12.6	31.4	750	+13.6	31.5
THAILAND	15	0.9	34	+126.7	1.8	29	-14.7	1.8	22	-24.1	1.2	25	+13.6	1.3	37	+48.0	1.8	46	+24.3	1.9
OTHER A., A. & O.	1	0.1	1	--	0.1	1	--	0.1	1	--	0.1	2	+100.0	0.1	2	--	0.1	4	+100.0	0.2
TOTAL A., A. & O.	**1367**	85.0	**1592**	+16.5	85.3	**1397**	-12.2	84.5	**1549**	+10.9	86.7	**1705**	+10.1	88.6	**1898**	+11.3	90.4	**2153**	+13.4	90.5
BARBADOS	5	0.3	6	+20.0	0.3	5	-16.7	0.3	6	+20.0	0.3	6	--	0.3	6	--	0.3	8	+33.3	0.3
BELIZE	8	0.5	4	-50.0	0.2	3	-25.0	0.2	5	+66.7	0.3	2	-60.0	0.1	2	--	0.1	2	--	0.1
CANADA	2	0.1	2	--	0.1	2	--	0.1	2	--	0.1	2	--	0.1	3	+50.0	0.2	3	--	0.1
COLOMBIA	6	0.4	7	+16.7	0.4	7	--	0.4	5	-28.6	0.3	5	--	0.3	5	--	0.2	5	--	0.2
COSTA RICA	10	0.6	12	+20.0	0.6	16	+33.3	1.0	17	+6.3	1.0	18	+5.9	0.9	19	+5.5	0.9	24	+26.3	1.0
DOMINICAN REPUBLIC	13	0.8	26	+100.0	1.4	32	+23.1	1.9	34	+6.3	1.9	33	-2.9	1.7	38	+15.2	1.8	43	+13.1	1.8
EL SALVADOR	11	0.7	12	+9.1	0.6	11	-8.3	0.7	3	-72.7	0.2	2	-33.3	0.1	1	-50.0	0.1	1	--	--
GUYANA	2	0.1	2	--	0.1	2	--	0.1	3	+50.0	0.2	3	--	0.2	3	--	0.2	3	--	0.1
HAITI	34	2.1	45	+32.4	2.4	47	+4.4	2.8	49	+4.3	2.7	39	-20.4	2.0	33	-15.4	1.5	40	+21.2	1.7
HONDURAS	2	0.1	2	--	0.1	3	+50.0	0.2	4	+33.3	0.2	5	+25.0	0.2	5	--0.2		4	-20.0	0.2
JAMAICA	3	0.2	2	-33.3	0.1	3	+50.0	0.2	4	+33.3	0.2	4	--	0.2	2	-50.0	0.1	3	+50.0	0.1
LEEWARD & WINDWARD IS.	+	--	+	--	--	3	+100.0	0.2	4	+33.3	0.2	7	+75.0	0.4	8	+14.3	0.4	10	+25.0	0.4
MEXICO	72	4.5	79	+9.7	4.3	69	-12.7	4.2	72	+4.3	4.0	64	-11.1	3.3	42	-34.4	1.9	40	-4.8	1.7
NICARAGUA	1	0.1	3	+200.0	0.2	1	-66.7	0.1	1	--	0.1	+	-100.0	--	+	--	--	+	--	--
OTHER AMERICAS	5	0.3	3	-40.0	0.2	2	-33.3	0.1	3	+50.0	0.2	2	-33.3	0.2	3	+50.0	0.2	4	+33.3	0.2
TOTAL AMERICAS	**174**	10.8	**205**	+17.8	11.0	**206**	+0.5	12.5	**212**	+2.9	11.9	**192**	-9.4	10.0	**170**	-11.5	8.1	**190**	+11.8	8.0
FRANCE	4	0.3	5	+25.0	0.3	4	-20.0	0.2	2	-50.0	0.1	2	--	0.1	2	--	0.1	4	+100.0	0.2
GERMANY, FED. REP. OF	2	0.1	1	-50.0	0.1	1	--	0.1	+	-100.0	--	+	--	--	1	+100.0	0.1	1	--	--
ITALY	26	1.6	26	--	1.3	15	-42.3	0.9	9	-40.0	0.4	7	-22.2	0.3	6	-14.3	0.3	7	+16.7	0.3
POLAND	14	0.9	14	--	0.7	9	-35.7	0.5	5	-44.4	0.2	4	-20.0	0.2	3	-25.0	0.1	3	--	0.1
PORTUGAL	1	0.1	1	--	0.1	1	--	0.1	1	--	0.1	1	--	0.1	1	--	0.1	1	--	--
ROMANIA	12	0.7	13	+8.3	0.6	10	-23.1	0.6	6	-40.0	0.3	10	+66.7	0.4	15	+50.0	0.5	14	-6.7	0.6
SPAIN	3	0.2	3	--	0.2	2	-33.3	0.1	1	-50.0	0.1	1	--	0.1	1	--	0.1	2	+100.0	0.1
UNITED KINGDOM	2	0.1	3	+50.0	0.2	3	--	0.2	1	-33.3	0.1	1	--	0.1	1	--	0.1	2	+100.0	0.1
YUGOSLAVIA	1	0.1	1	--	0.1	2	+100.0	0.1	+	-100.0	--	+	--	--	+	--	--	+	--	--
OTHER EUROPE	2	0.1	2	--	0.1	3	+50.0	0.2	1	-66.7	0.1	1	--	0.1	1	--	0.1	3	+200.0	0.1
TOTAL EUROPE	**67**	4.2	**69**	+3.0	3.7	**50**	-27.5	3.0	**26**	-48.0	1.4	**27**	+3.8	1.4	**31**	+14.8	1.5	**37**	+19.3	1.5
GRAND TOTAL	**1608**	100.0	**1866**	+16.0	100.0	**1653**	-11.4	100.0	**1787**	+8.1	100.0	**1924**	+7.7	100.0	**2099**	+9.1	100.0	**2380**	+13.4	100.0

+ Means nominal poundage. -- Means nominal percentage. a. Percent change from previous year. b. Percent of total apparel imports.

SELECTED U.S. MAN-MADE FIBER IMPORTS BY COUNTRY OF ORIGIN[a]

THOUSAND POUNDS

COUNTRY	A. NONCELLULOSIC YARN - SINGLES						B. NONCELLULOSIC STAPLE+TOW								C. SPUN YARNS				D. WASTE				E. TEXTILE GLASS	
	NYLON		POLYESTER		OTHER		NYLON		POLYESTER		ACRYLIC		OTHER		CELL.		NONCELL.		CELL.		NONCELL.			
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
ARGENTINA	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	329	264	0	0
BRAZIL	0	0	+	0	+	0	0	0	0	0	0	0	0	112	0	0	446	1653	0	0	125	76	0	0
CANADA	1009	560	303	189	3988	6870	354	2761	3378	4777	37	28	1681	1647	3	6	2182	0	0	59	7421	7926	104	153
COSTA RICA	0	0	185	16	0	0	0	0	0	1066	0	0	0	1	0	0	0	2531	0	0	40	128	0	0
MEXICO	739	4725	0	1251	101	193	50	3097	1353	3545	2077	4054	0	11	0	0	956	3048	0	0	10126	10758	8	0
OTHER AMERICAS	0	0	4	0	0	0	0	+[d]	0	0	0	+[f]	0	0	0	0	47	31[h]	0	0	0	73[k]	0	0
TOTAL AMERICAS	**1748**	**5285**	**492**	**1456**	**4089**	**7063**	**404**	**5892**	**4731**	**15388**	**2114**	**4082**	**1681**	**1771**	**3**	**6**	**3631**	**7263**	**0**	**59**	**18041**	**19225**	**112**	**153**
AUSTRIA	2	0	0	0	15	176	41	0	0	0	0	1	23	27	0	48	81	196	0	0	0	0	0	0
BELGIUM/LUX.	606	230	2	6	25	7	110	181	0	79	18	235	33	1	0	0	0	16	0	0	1002	1160	1	0
DENMARK	0	0	0	+	+	0	2	38	+	1	0	0	53	0	0	0	1	0	0	0	465	1025	0	0
FINLAND	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	110	110	0	0	0	31	0	0
FRANCE	1845	1765	9	8	14	39	7442	8701	3	2	18	41	9	239	+	0	872	1126	1	0	125	731	190	1282
GERMANY, FED. REP. OF	3754	1425	2473	4033	613	257	4687	9647	22	162	3435	5564	835	1378	53	391	584	1034	0	0	5944	6177	426	9
GREECE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRELAND	0	0	1	0	+	0	0	0	0	0	521	39	0	0	0	0	0	2	0	0	0	0	0	0
ITALY	267	2583	135	388	33	178	4710	6497	117	55	352	1795	307	1899	1	2	2151	3376	0	0	1292	808	18	60
NETHERLANDS	7	59	13	136	16	59	251	915	169	3	0	7	+	68	0	+	13	0	0	0	1741	3084	0	40
POLAND	15	0	0	0	0	0	15	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
PORTUGAL	0	0	0	0	0	0	1	10	0	0	0	0	0	0	0	0	0	0	0	0	165	0	0	0
ROMANIA	0	83	0	0	1	0	0	166	411	483	55	0	0	0	0	0	2039	2948	0	0	295	956	0	0
SPAIN	0	+	0	1297	0	163	0	0	0	31	0	2	+	25	0	0	583	967	0	0	30	0	0	0
SWITZERLAND	156	525	33	107	7	5	130	106	+	41	51	25	3	115	0	0	397	392	0	0	140	722	0	0
UNITED KINGDOM	54	2987	7	55	291	196	996	15028	32	152	1198	1018	553	876	0	0	242	425	220	215	612	1091	2540	2886
OTHER EUROPE	1	0	0	2[b]	15	16[c]	21	429[e]	12	0	0	0	8	12[g]	0	0	72	10[i]	0	0	+	316[l]	+	0
TOTAL EUROPE	**6707**	**9657**	**2673**	**6032**	**1030**	**1096**	**18406**	**41718**	**766**	**1010**	**5648**	**8727**	**1630**	**4640**	**54**	**441**	**7145**	**10602**	**221**	**215**	**11811**	**16101**	**3175**	**4277**
AUSTRALIA	0	0	0	0	0	5	29	92	0	0	0	0	+	0	0	0	0	0	0	0	2226	1487	0	0
BANGLADESH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	174	0	0	0	0	0
CHINA, PEOPLE'S REP. OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	230	0	0	1660	1505	0	0
EGYPT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HONG KONG	+	0	0	0	0	0	0	+	0	0	0	0	1	+	0	0	353	333	0	0	0	0	0	0
INDONESIA	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	370	962	0	0	16	0	0	0
ISRAEL	72	1257	0	13	0	0	60	147	0	0	0	0	0	0	0	0	2	0	0	0	863	554	0	0
JAPAN	1694	2554	2573	6289	849	2158	223	424	1416	5321	4478	7450	1155	853	263	644	4423	5446	0	0	861	1875	10813	15180
KOREA, REP. OF	0	720	0	78	0	60	0	0	31	433	+	15	2	0	0	0	532	531	0	0	201	2225	0	0
MALAYSIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1138	1600	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0
PHILIPPINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1395	2060	0	0	82	123	0	0
SINGAPORE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1386	1422	0	0	0	0	0	0
SOUTH AFRICA	0	0	0	1835	0	0	0	77	0	696	0	11	0	0	0	0	481	18	0	0	1210	1005	0	74
TAIWAN	55	357	0	64	0	17	0	71	369	688	49	0	7893	3673	0	0	495	565	0	0	670	1989	0	0
THAILAND	0	35	0	0	0	0	0	0	0	0	0	0	0	0	5	+	597	410	0	0	0	0	0	0
OTHER A, A & O	0	0	36	0	11	0	0	0	0	0	0	0	0	0	0	0	0	45[j]	0	0	87	0	0	0
TOTAL A, A & O	**1821**	**4923**	**2609**	**8324**	**860**	**2240**	**312**	**811**	**1816**	**7138**	**4527**	**7476**	**9051**	**4526**	**268**	**644**	**11280**	**13622**	**174**	**0**	**7893**	**10763**	**10813**	**15254**
GRAND TOTAL	**10276**	**19865**	**5774**	**15812**	**5979**	**10399**	**19122**	**48421**	**7313**	**23536**	**12289**	**20285**	**12362**	**10937**	**325**	**1091**	**22056**	**31487**	**395**	**274**	**37745**	**46089**	**14100**	**19684**

SOURCE: U.S. Census Bureau IM146.

a. See February ***Organon,*** page 28, for other 1982 & 1983 U.S. man-made fiber imports by country of origin.
b. East Germany
c. Iceland 16 and Turkey +.
d. Haiti.
e. Norway 265, Sweden +, Turkey 129 and Yugoslavia 35.
f. Peru.
g. Sweden.
h. Columbia + and Guatemala 31.
i. Sweden 9 and Turkey 1.
j. Macao 45.
k. Venezuela.
l. Sweden 229, USSR 42 and Yugoslavia 45.

A. Nylon 310.0109, .0149, .0209 & 0249; Polyester 310.0110, .0150, .0210 & .0250; Other 310.0114, .0170, .0214, .0270, .0530, .0550, .0630 & .0650.

B. Nylon 309.3030, .3130 & .4338; Polyester 309.3040, .3140 & .4342; Acrylic 309.3050, .3150 & .4345; Other 309.3065, .3165, .4346 & .4355.

C. Cellulosic 310.4005, .4030, .5005 & .5030; Noncellulosic 310.4015, .4027, .4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

D. Cellulosic 309.6615 & .7510; Noncellulosic 309.6000, .6625, .6630, .6645, .6660, .7000, .7525, .7530, .7540 & .7555.

E. 309.2800, .2900, .9800 & .9900.

SELECTED U.S. MAN-MADE FIBER & MANUFACTURES IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

IMPORTS OF MAN-MADE BROAD WOVEN FABRICS

COUNTRY	1979	1980	1981	1982	1983
AUSTRIA	178	153	190	112	192
BELGIUM	813	550	558	605	1127
FRANCE	3067	2565	1631	2202	2287
GERMANY, FED. REP. OF	1465	1309	2264	1518	1960
HUNGARY	233	124	28	19	23
IRELAND	14	129	2591	253	211
ITALY	25615	27379	36656	27524	29127
NETHERLANDS	170	127	103	115	90
POLAND	410	120	235	256	85
PORTUGAL	496	137	46	18	13
ROMANIA	241	47	25	45	59
SPAIN	437	156	385	293	250
SWEDEN	379	368	376	159	121
SWITZERLAND	899	962	650	477	479
UNITED KINGDOM	1168	587	321	438	379
YUGOSLAVIA	379	363	408	343	390
OTHER EUROPE	79	92	41	19	17
TOTAL EUROPE ABOVE	**36043**	**35168**	**46508**	**34396**	**36810**
CHINA, P.R.O.	46	238	1309	2408	3184
HONG KONG	928	140	102	106	1303
INDIA	269	312	117	70	38
JAPAN	23796	23070	32588	34626	42396
KOREA, REPUBLIC OF	3625	9160	11591	17184	23486
MALAYSIA	165	425	541	350	799
SINGAPORE	518	69	348	110	19
TAIWAN	392	783	1641	3135	9370
THAILAND	390	72	1471	2018	1706
BRAZIL	727	832	1373	1188	1514
CANADA	1423	1824	2099	2156	2859
ALL OTHER	423	44	68	165	132
TOTAL EXCLUDING EUROPE	**32702**	**36969**	**53248**	**63516**	**86806**
GRAND TOTAL	**68745**	**72137**	**99756**	**97912**	**123616**

IMPORTS OF MAN-MADE KNIT FABRIC IN THE PIECE

COUNTRY	1979	1980	1981	1982	1983
FRANCE	160	149	145	244	159
GERMANY, FED. REP.	522	417	299	356	318
IRELAND	97	1	--	47	2
ITALY	288	182	138	337	279
SWEDEN	17	47	78	28	16
UNITED KINGDOM	302	94	73	132	58
OTHER EUROPE	90	66	51	49	63
TOTAL EUROPE ABOVE	**1476**	**956**	**784**	**1193**	**895**
HONG KONG	87	8	1	3	26
JAPAN	2060	1412	950	899	1039
KOREA, REPUBLIC OF	1	2	--	1	18
TAIWAN	17	54	36	31	79
CANADA	53	118	191	89	46
COSTA RICA	0	0	77	0	--
MEXICO	4	38	57	11	30
ALL OTHER	11	8	3	10	11
TOTAL EXCLUDING EUROPE	**2233**	**1640**	**1315**	**1044**	**1249**
GRAND TOTAL	**3709**	**2596**	**2099**	**2237**	**2144**

IMPORTS OF MAN-MADE FIBERS

COUNTRY	1979	1980	1981	1982	1983
AUSTRIA	5623	1438	4951	4975	3661
BELGIUM	507	52	2633	2464	1899
DENMARK	2	2	234	522	1065
FINLAND	366	130	119	190	142
FRANCE	2631	1477	9526	10974	12778
GERMAN DEM. REP.	0	0	0	103	3
GERMANY, FED. REP. OF	20315	17649	33850	25751	34307
GREECE	90	30	379	0	+
IRELAND	544	182	430	549	86
ITALY	5617	2168	11694	9735	18476
MALTA	102	105	0	0	0
NETHERLANDS	2186	2955	8058	2885	7609
POLAND	120	65	414	36	0
PORTUGAL	488	168	161	204	56
ROMANIA	3534	1810	2174	2801	4669
SPAIN	724	240	764	875	2531
SWEDEN	5611	2963	2724	4626	3639
SWITZERLAND	295	438	479	944	2192
UNITED KINGDOM	21156	11886	12392	7874	26728
OTHER EUROPE	22	44	22	87	513
TOTAL EUROPE ABOVE	**69933**	**43802**	**91004**	**75595**	**120354**
AUSTRALIA	177	488	1628	2408	1965
BANGLADESH	0	0	0	174	0
CHINA, P.R.O.	0	35	708	1768	1744
EGYPT	0	2	333	0	0
HONG KONG	75	15	172	359	334
INDONESIA	129	0	505	386	1007
IRAN	282	0	0	0	0
ISRAEL	1279	1373	1071	1025	2014
JAPAN	34054	27641	31453	31467	51231
KOREA, REPUBLIC OF	1411	767	830	874	5081
MALAYSIA	1108	369	818	1138	1600
NEW ZEALAND	19	121	169	17	0
PHILIPPINES	1064	2456	2431	1477	2183
SINGAPORE	648	961	1221	1386	1422
SOUTH AFRICA	1716	1880	1410	1691	2930
TAIWAN	12810	14076	9556	11542	10281
THAILAND	125	603	342	675	1022
ARGENTINA	58	311	41	329	298
BRAZIL	380	28	41	775	2222
CANADA	16219	22868	35120	24300	35599
COSTA RICA	37	5	106	225	1210
MEXICO	2631	5490	19443	18603	40107
PERU	85	0	0	0	0
VENEZUELA	487	1295	40	0	74
ALL OTHER	86	198	112	203	96
TOTAL OTHER ABOVE	**74880**	**80982**	**107550**	**100822**	**162420**
TOTAL ABOVE	**144813**	**124784**	**198554**	**176417**	**282774**
PRODUCTS NOT DETAILED	12762	7288	10536	8010	10364
GRAND TOTAL	**157575**	**132072**	**209090**	**184427**	**293138**

NOTE: Imports of man-made fiber apparel by country of origin are shown on page 45.

The three section totals on this page agree with the corresponding data on pages 44 and 51 of this issue.

The by country data in the "Imports of Man-Made Fiber" table above include singles, monofilaments and strips (see page 28 of the February 1984 and the corresponding pages of earlier February *Organon* issues), plied filament yarn, staple, grouped filaments, waste, spun yarns and textile glass fiber. The "products not detailed" in the above talbe comprise other yarns - NES, handwork yarns and sewing thread and sliver, tops and roving.

SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION

COUNTRY	A. CELLULOSIC YARN, MONOFIL & STRIPS				B. NONCELLULOSIC TEXTILE YARN				C. NONCELL. INDUSTRIAL YARN, MONOFIL & STRIPS				D. CELLULOSIC STAPLE+TOW				E. NONCELLULOSIC STAPLE+TOW			
	THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
CANADA	1404	1630	1698	2178	22753	31952	37665	52411	5212	6643	11247	13345	1610	1053	1180	911	62163	72168	58218	58979
COSTA RICA	18	44	39	67	1268	1231	2091	1509	854	470	1964	522	44	40	29	29	4435	5676	3780	5799
DOMINICAN REP.	185	29	175	38	1771	2681	2243	3023	108	98	216	128	59	39	45	33	281	429	279	281
EL SALVADOR	131	2	157	4	3037	2759	4903	4783	903	558	1899	1109	128	347	89	282	6972	9248	6545	7774
GUATEMALA	35	34	53	40	3428	1876	3691	7786	568	213	482	185	38	300	52	198	6030	4989	4896	3513
HAITI	1	2	1	2	797	726	1120	839	193	773	250	1046	2	0	1	0	23	32	22	37
HONDURAS	1	2	1	6	1040	1035	878	1267	39	8	109	32	0	+	0	1	1744	1985	1571	1524
JAMAICA	34	0	38	0	181	354	411	634	6	27	31	66	0	2	0	12	6	31	27	64
LEEWARD & WINDWARD IS.	0	0	0	0	3	157	12	253	3	10	4	13	31	0	24	0	8	2	35	3
MEXICO	7	23	17	49	2321	350	4346	690	1217	641	3487	3199	10506	5999	7643	4043	6871	1686	6938	1704
NICARAGUA	+	0	1	0	4	+	18	1	8	+	21	5	0	0	0	0	440	7	449	8
PANAMA	0	0	0	0	72	52	158	100	41	12	124	27	0	0	0	0	189	108	345	472
TRINIDAD	0	0	0	0	68	120	178	379	9	39	35	124	1	+	1	1	7	17	26	62
OTHER	1	+	5	2	90	2	146	5	45	11	76	27	2	+	3	1	123	13	145	69
NORTH AMERICA	**1817**	**1766**	**2185**	**2386**	**36833**	**43295**	**57860**	**73680**	**9206**	**9503**	**19945**	**19828**	**12421**	**7780**	**9067**	**5511**	**89292**	**96391**	**83276**	**80289**
ARGENTINA	231	197	329	282	3551	3125	4064	3129	200	481	473	831	461	286	379	178	6792	7493	4964	5314
BOLIVIA	0	22	0	34	46	9	171	39	+	21	4	33	0	0	0	0	631	615	514	468
BRAZIL	17	1	37	3	1232	956	2214	1704	1793	754	8597	1849	66	6	34	8	2285	253	2205	464
CHILE	26	56	80	78	198	194	238	284	26	206	177	463	1060	3002	982	2362	2481	4197	1993	4497
COLOMBIA	46	160	73	180	1993	1388	2214	2193	1120	372	5356	2276	3008	3048	1997	1750	3348	4675	3541	3802
ECUADOR	820	769	1297	1036	699	671	1405	1007	441	224	917	469	1145	826	863	565	8098	5789	6461	4096
PARAGUAY	0	6	0	6	19	26	33	19	1	0	3	0	0	0	0	0	+	0	1	0
PERU	2	3	12	14	1308	260	1642	366	879	137	1242	304	526	577	411	456	1541	965	1272	655
URUGUAY	0	0	0	0	56	354	133	1255	41	1	97	6	54	13	54	10	116	143	109	165
VENEZUELA	13	66	15	140	1586	1295	2725	2807	774	219	1550	666	11778	8905	9884	7398	1818	1222	1033	1093
OTHER	0	+	0	+	0	6	0	22	5	18	15	20	0	2	0	3	+	2	1	4
SOUTH AMERICA	**1155**	**1280**	**1843**	**1773**	**10683**	**8234**	**14839**	**12825**	**5280**	**2433**	**18431**	**6917**	**18098**	**16665**	**14604**	**12730**	**27110**	**25354**	**22094**	**20558**
BELGIUM/LUX.	9115	7513	7150	5854	9610	16988	19003	29028	13195	15316	21654	21761	33	21	58	22	14219	13314	22496	22782
DENMARK	+	0	1	0	377	232	495	230	477	0	375	0	10	17	11	14	8968	3674	8577	3224
FRANCE	16	20	15	15	3869	2519	10133	9215	615	361	1718	1208	142	166	209	300	636	536	735	806
GERMANY, FED. REP. OF	487	146	592	262	3280	1119	4053	2376	1653	1205	2531	2104	231	341	369	548	3026	895	2336	1996
GREECE	34	7	170	38	68	235	116	374	23	36	76	183	1	33	1	6	714	288	635	2691
IRELAND	+	0	1	0	4219	3989	7297	6647	130	70	240	166	0	0	0	0	244	484	669	874
ITALY	5	+	11	1	3512	1454	3467	925	1492	3417	1246	1494	369	63	254	71	4013	758	3007	757
NETHERLANDS	+	0	5	0	758	1039	782	1101	293	162	706	393	19	18	20	20	2623	1676	2498	1832
UNITED KINGDOM	10	62	10	62	8261	3874	12043	7120	3761	4014	6490	5559	470	353	541	478	5782	3524	6434	3670
AUSTRIA	0	0	0	0	0	29	0	47	11	11	52	35	4	4	5	6	38	43	220	63
CZECHOSLOVAKIA	141	0	515	0	0	0	0	0	22	150	13	587	0	0	0	0	44	0	29	0
FINLAND	3	0	16	0	809	188	1036	265	202	386	371	408	30	2	18	2	5013	2921	3207	2127
GERMAN DEM. REP.	0	0	0	0	38	84	107	230	0	0	0	0	0	0	0	0	267	447	179	242
HUNGARY	2	0	3	0	1091	0	1082	0	+	0	2	0	0	0	0	0	1197	0	857	0
ICELAND	0	0	0	0	1	1	2	3	37	0	37	0	0	0	0	0	278	0	289	0
NORWAY	0	+	0	1	224	113	301	129	38	41	44	51	32	46	44	63	741	127	597	78
POLAND	0	53	0	89	304	219	239	116	453	3674	398	3410	0	0	0	0	219	4421	129	2544
PORTUGAL	0	0	0	0	332	439	305	494	65	8	110	42	0	2	0	2	782	101	686	99
SPAIN	0	0	0	0	1279	361	1131	288	1331	2629	1701	2776	242	96	223	80	1321	2771	883	2279
SWEDEN	11	0	11	0	347	223	355	229	1857	1198	2036	1392	40	27	56	34	1163	903	904	1251
SWITZERLAND	1	6	4	10	1228	281	1770	543	76	42	141	177	8	15	13	20	1203	1074	1348	1164
TURKEY	0	4	0	5	5375	4329	5354	3640	16178	20338	17903	26021	0	0	0	0	2791	3801	2683	2997
USSR	969	1374	969	1590	0	0	0	0	0	0	0	0	0	11178	0	6176	304	0	427	0
YUGOSLAVIA	12	0	35	0	+	0	2	0	137	+	137	2	0	0	0	0	526	396	472	346
OTHER	0	109	0	135	0	7	0	44	+	0	2	0	0	219	0	269	0	220	0	205
EUROPE	**10806**	**9294**	**9508**	**8062**	**44982**	**37823**	**69073**	**63044**	**42046**	**53058**	**57983**	**67769**	**1631**	**12601**	**1822**	**8111**	**56112**	**42374**	**60297**	**52027**

See footnotes below.

SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION *(Continued)*

COUNTRY	A. CELLULOSIC YARN, MONOFIL & STRIPS				B. NONCELLULOSIC TEXTILE YARN				C. NONCELL. INDUSTRIAL YARN, MONOFIL & STRIPS				D. CELLULOSIC STAPLE+TOW				E. NONCELLULOSIC STAPLE+TOW			
	THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS		THOUS POUNDS		THOUS DOLLARS	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
AUSTRALIA	1517	2216	2612	3478	9700	5082	21812	11066	1373	1559	3203	3281	713	322	1277	569	8694	4941	12129	7644
BANGLADESH	0	0	0	0	440	220	187	100	0	0	0	0	0	0	0	0	0	0	0	0
CHINA, PEOPLE'S REP. OF	5164	0	6838	0	95109	13014	114457	13233	404	34	546	93	6	0	14	0	137360	42424	90634	24483
HONG KONG	5	4	28	8	2174	574	2973	753	465	204	1195	863	3888	2	2117	5	2171	1805	1857	1377
INDIA	16	14	23	16	1430	230	1688	255	2189	2017	2337	1982	632	433	350	222	310	245	232	185
INDONESIA	48	36	35	75	1267	288	1182	724	76	+	204	1	3323	575	1971	297	743	90	1023	103
IRAQ	0	0	0	0	715	1308	1011	1212	0	0	0	0	0	0	0	0	0	0	0	0
ISRAEL	26	1	28	4	5880	3829	5684	3700	5299	5832	5913	5280	71	3	46	5	1739	1316	1295	900
JAPAN	54	5	107	22	2682	1564	5565	3160	8782	9033	12461	12016	294	193	262	244	7529	2913	6591	3780
JORDAN	0	0	0	0	652	228	643	170	0	6	0	12	0	0	0	0	1	+	6	2
KOREA, REP. OF	758	491	867	592	3406	1022	3676	1506	646	251	585	657	8063	1100	4065	599	2812	5133	2416	3939
LEBANON	0	0	0	0	80	165	70	131	0	+	0	1	0	0	0	0	1	+	2	3
MALAYSIA	0	15	0	2	0	0	0	0	23	0	34	0	40	3	11	6	307	45	233	42
NEW ZEALAND	31	67	83	126	1206	612	2856	1241	226	301	541	645	32	271	72	206	466	243	820	461
PAKISTAN	4	0	13	0	91	77	134	117	1	0	5	0	2	29	2	3	48	1	36	2
PHILIPPINES	25	16	83	36	476	262	864	881	40	163	137	355	8861	1297	4604	559	3028	5315	2398	4408
QATAR	0	0	0	0	0	0	0	0	144	0	145	0	0	0	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	97	64	163	162	273	111	661	229	3	11	3	7	122	1	185	6
SINGAPORE	0	0	0	0	30	2	46	6	6	5	43	33	2420	+	1363	2	298	106	528	190
SYRIA	0	0	0	0	310	19	268	17	408	0	391	0	0	0	0	0	0	0	0	0
TAIWAN	178	13	199	71	485	425	490	694	913	1299	1056	1527	1918	670	1003	499	40876	53660	29180	36887
THAILAND	36	24	53	33	46	20	127	64	38	13	130	53	3473	0	1387	0	831	782	755	589
UNIT. ARAB EMIRATES	0	0	0	0	108	0	149	0	0	+	0	6	0	0	0	0	6	2	10	9
OTHER	0	3	0	4	13	122	32	251	13	39	27	53	6	0	5	0	83	28	65	15
ASIA & OCEANIA	**7862**	**2905**	**10969**	**4467**	**126397**	**29127**	**164077**	**39443**	**21319**	**20867**	**29614**	**27087**	**33745**	**4909**	**18552**	**3223**	**207425**	**119050**	**150395**	**85025**
ALGERIA	0	0	0	0	10133	5372	14665	7579	+	0	2	0	0	0	0	0	7	0	18	0
CAMEROON	0	0	0	0	425	67	622	86	0	0	0	0	0	0	0	0	0	+	0	3
EGYPT	0	4	0	7	20903	5618	25218	5924	1147	0	1455	0	999	915	148	199	289	7612	326	5372
KENYA	0	0	0	0	0	0	0	0	0	+	12	1	0	5	0	11	391	241	350	142
MOROCCO	0	33	0	40	2935	29	2634	13	597	7	530	3	26	0	29	0	147	0	114	0
MOZAMBIQUE	0	0	0	0	0	31	0	70	2	0	0	0	0	0	0	0	0	256	0	197
NIGERIA	0	0	0	0	7201	5941	8674	7333	176	2	314	6	0	101	118	73	99	0	77	0
SOUTH AFRICA	498	536	825	867	3108	3881	4599	5461	1378	418	1944	836	93	118	0	126	27210	18132	17834	12562
SUDAN	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	2080	217	1383	164
TANZANIA	0	0	0	0	935	488	1423	983	0	1	0	2	0	0	0	0	0	0	0	0
TUNISIA	0	0	0	0	245	76	314	98	0	0	0	0	0	0	0	0	5	0	14	0
ZAMBIA	0	0	0	0	0	0	0	0	187	0	617	0	0	0	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	139	28	292	66	+	+	3	2	0	0	0	0	727	2139	557	1750
OTHER	0	0	0	0	74	127	38	111	27	+	47	1	0	118	0	121	129	0	135	0
AFRICA	**498**	**573**	**825**	**914**	**46098**	**21659**	**58479**	**27726**	**3514**	**428**	**4924**	**851**	**1118**	**1257**	**295**	**530**	**31084**	**28597**	**20808**	**20190**
GRAND TOTAL	**22139**	**15818**	**25331**	**17602**	**264998**	**140188**	**364328**	**216718**	**81365**	**86289**	**130897**	**122452**	**43355**	**43212**	**44340**	**30105**	**606175**	**311766**	**338870**	**258089**

The commodity numbers are:
A. 309.0110, .2210, 310.0006 & .0026.
B. 310.0008, .0009, .0010, .0014, .0029, .0034, .0040 & .0044.
C. 309.0120, .0140, .0170, .2220, 310.0027 & .0032.
D. 309.4219 & .4222.
E. 309.3220, .3240, .3250, .3255, .4240, .4242, .4245, .4246 & .4247.

U.S. EXPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	3456	2585	357	402	239	4564	3574	594	655	502
OTHER[b]	310.0026	26770	24130	23914	21618	15496	24886	28135	27329	24490	16908
MONOFILAMENTS	309.0110	521	149	90	15	43	645	343	212	90	135
STRIPS	309.2210	43	66	346	105	40	58	61	273	96	56
SUBTOTAL ABOVE		**30790**	**26930**	**24707**	**22140**	**15818**	**30153**	**32113**	**28408**	**25331**	**17601**
STAPLE+TOW - RAYON	309.4222	96844	64817	55156	63371	40118	55706	44031	39032	41063	27427
STAPLE - ACETATE	309.4219	9663	6255	7004	3642	3093	7433	6145	4323	3277	2677
SUBTOTAL ABOVE		**106507**	**71072**	**62160**	**67013**	**43211**	**63139**	**50176**	**43355**	**44340**	**30104**
WASTE, ADVANCED & NOT ADVANCED	309.7400	9551	6090	2799	3193	1363	3684	2872	1358	1397	527
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & .0009	44797	53773	69600	39429	40008	63662	72940	107096	62179	58366
- HIGH TENACITY[c]	310.0027	46287	57804	57400	48396	55606	43503	63637	72569	57259	65096
- OTHER	310.0029	21223	24967	19424	11789	15580	31528	42082	37980	23987	33591
POLYESTER - TEXTURED	310.0010	85579	114910	236152	182935	64040	105864	141835	286022	227816	80399
- HIGH TENACITY[c]	310.0032	22407	23202	23440	13752	12237	24507	27660	31474	17846	15553
- OTHER[d]	310.0034	8616	7493	11759	10179	3713	9391	8793	13226	10221	6518
OTHER - TEXTURED	310.0014	9993	19005	11751	15652	12631	12163	23056	15085	19147	16139
- OLEFIN	310.0040	1990	2520	2603	1124	806	1998	2999	3312	1643	1259
- OTHER	310.0044	5050	5265	5231	3891	3610	17181	18734	21738	19335	20983
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	14916	15307	7786	4424	2350	30001	30834	20698	14193	10009
POLYESTER[e]	309.0140	21349	18985	7163	4242	2925	24923	21987	11903	8662	7292
OTHER	309.0170	5927	8665	6560	8185	9930	18693	28813	23244	28295	19101
STRIPS	309.2220 & .2270	2688	3427	4555	2366	3242	4566	5181	6635	4642	5402
SUBTOTAL ABOVE		**290822**	**355323**	**463424**	**348364**	**226678**	**387980**	**488551**	**650982**	**495225**	**339706**
STAPLE - NYLON	309.4240	33857	29306	27556	15374	13518	29779	30141	33825	19751	17857
- POLYESTER	309.4242	307246	447290	522681	189584	101255	165284	285737	361110	134073	68307
- ACRYLIC	309.4245	181112	145172	156661	126617	114385	109404	103264	114359	91350	78572
- OLEFIN	309.4246	6910	3275	1758	7616	3698	6304	2371	1491	3663	2746
- OTHER	309.4247	16749	17751	18033	15410	11974	19391	25654	31381	29336	28331
GROUPED FILAMENTS											
NYLON	309.3220	10614	7282	4561	4966	3425	13816	11747	9625	11281	8766
POLYESTER[d]	309.3240	78566	54880	26777	28133	28890	69067	50247	28444	28075	25808
ACRYLIC	309.3250 & .3255	23281	27517	32655	23322	34621	18389	20408	25940	19341	28101
SUBTOTAL ABOVE		**658335**	**732473**	**790682**	**411022**	**311766**	**431434**	**529569**	**606175**	**336870**	**258488**
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	18034	14520	13938	11806	11841	7514	9050	8903	7648	6093
POLYESTER	309.7630	77424	61153	54117	50903	40473	32029	25592	20814	21091	16090
ACRYLIC	309.7640	4807	2352	4795	1713	2025	1223	801	1552	610	773
OTHER	309.7660	37478	38395	34415	21654	16942	11950	13965	13433	10206	6583
SUBTOTAL ABOVE		**137743**	**116420**	**107265**	**86076**	**71281**	**52716**	**49408**	**44702**	**39555**	**29539**
TOTAL MAN-MADE FIBER ABOVE		**1233748**	**1308308**	**1451037**	**935808**	**670117**	**969106**	**1152689**	**1374980**	**942718**	**675967**
TEXTILE GLASS FIBER	309.2700 & .9700	47494	54407	38934	43714	39413	38867	54269	41642	39861	29553
GRAND TOTAL ABOVE		**1281242**	**1362715**	**1489971**	**979522**	**709530**	**1007973**	**1206958**	**1416622**	**982579**	**705520**

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.
b. Includes an undetermined amount of rayon tire cord and cord fabric.
c. Includes an undetermined amount of noncellulosic tire cord and tire cord fabric.
d. Includes zero twist yarns.
e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

U.S. IMPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
CELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED	310.0106 & .0206	2695	912	309	561	256	3903	1668	505	857	290
OTHER	310.0130 & .0230[a]	10495	7380	10373	6437	7843	13111	12222	15748	10381	12365
MONOFILAMENTS	309.0310 & .0610	--	0	4	2	24	1	0	32	10	36
STRIPS, $1/LB & UNDER	309.2000[a]	81	10	33	27	570	52	16	28	15	396
SUBTOTAL ABOVE		**13271**	**8302**	**10719**	**7027**	**8693**	**17067**	**13906**	**16313**	**11263**	**13087**
STAPLE	309.4320 & .4325	13949	7998	14626	11939	12752	8042	5653	10348	8383	8434
GROUPED FILAMENTS	309.3010 & .3110	2580	2308	2137	1469	836	3677	5023	2211	2342	1312
SUBTOTAL ABOVE		**16529**	**10306**	**16763**	**13408**	**13588**	**11719**	**10676**	**12559**	**10725**	**9746**
WASTE, ADVANCED & NOT ADVANCED	309.6615 & .7510	803	339	519	395	277	314	146	291	170	164
NONCELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED - NYLON	310.0109 & .0209	953	3154	3827	4744	5123	1128	4089	7103	8157	8610
- POLYESTER	310.0110 & .0210	1083	337	768	510	2182	1589	780	939	563	2403
- OTHER	310.0114 & .0214	153	195	492	4340	7659	360	373	895	5580	8986
OTHER - NYLON	310.0149 & .0249	6105	3572	3976	5533	14745	8310	5687	6147	7941	17994
- POLYESTER	310.0150 & .0250	7579	6672	5441	5263	13629	10230	9906	7082	7584	17705
- OTHER	310.0170 & .0270[b]	1346	1417	1595	1639	2739	2545	3149	3151	4854	6730
MONOFILAMENTS	309.0200 & .0330[c]	2365	4038	2615	1497	1737	6967	10243	6515	5053	4721
STRIPS, OVER $1/LB	309.2100 & .2500[a]	420	229	220	306	553	3267	2427	1547	2069	3952
SUBTOTAL ABOVE		**20004**	**19614**	**18934**	**23832**	**48367**	**34396**	**36654**	**33379**	**41801**	**71101**
STAPLE - NYLON	309.4338	2364	1698	23576	11503	27648	2455	2365	25067	10488	23588
- POLYESTER	309.4342	3087	1344	6649	7257	21502	2020	1184	4289	4791	11912
- ACRYLIC	309.4345	13047	13296	10465	7851	13644	9925	11509	10179	6777	12052
- OLEFIN	309.4346	57	144	1134	627	1195	54	146	638	638	911
- OTHER	309.4355	15766	14574	10666	10853	9078	8998	9779	7798	6744	7010
GROUPED FILAMENTS - NYLON	309.3030 & .3130	719	1022	2175	7620	19085	924	1364	2625	11385	27142
- POLYESTER	309.3040 & .3140	44	129	336	56	2035	36	137	541	160	2268
- ACRYLIC	309.3050 & .3150	2910	2608	3434	4438	6642	3694	4331	7181	8313	13631
- OTHER	309.3065 & .3165	1325	753	2082	882	663	1348	1126	2965	1247	742
SUBTOTAL ABOVE		**39319**	**35568**	**50517**	**51087**	**101492**	**29454**	**31941**	**61283**	**50543**	**99256**
WASTE, NOT ADVANCED											
NYLON	309.6625	12843	11658	25255	22190	26745	2811	2899	8358	8275	11494
POLYESTER	309.6630	3333	5936	18111	11187	13004	470	1004	3640	1944	2503
ACRYLIC	309.6645	2395	2358	2872	932	304	587	726	999	274	76
OTHER	309.6660	1568	965	2969	2530	2724	461	305	844	689	1000
NOILS & GARNETTED FIBERS	309.6000 & .7000[a]	3	4	85	55	232	6	3	54	34	82
OTHER WASTE, ADVANCED	309.7525 - .7555	984	625	536	851	3080	313	360	366	471	1219
SUBTOTAL ABOVE		**21126**	**21546**	**49828**	**37745**	**46089**	**4648**	**5297**	**14261**	**11687**	**16374**
TOTAL MAN-MADE FIBER ABOVE		**111052**	**95675**	**157280**	**133494**	**218506**	**97598**	**98620**	**138086**	**126189**	**209728**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD											
YARN - PLIED											
TEXTURED - CELLULOSIC	310.1106	2	0	25	2	1	16	0	41	10	4
- NONCELLULOSIC	310.1015[d] & .1109[e]	2196	1378	3385	5315	8110	2955	2141	5774	7806	11709
OTHER -CELLULOSIC	310.1030 & .1135[f]	25	97	21	146	93	56	334	108	240	351
- NONCELLULOSIC	310.1050 & .1070[g]	300	389	373	979	2054	949	1347	763	1789	3594
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	585	508	659	325	1091	1126	1225	1522	756	1975
- OTHER	310.4015 & .4027[i]	20300	19387	18599	22056	31487	30821	33114	32603	40264	51623
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	3748	2320	4117	3107	2955	11607	8196	12852	9649	10969
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	2561	2260	2797	2277	2654	8347	7793	10681	9170	11898
SLIVER, TOPS & ROVING	309.9000	6453	2708	3622	2626	4755	3584	2034	2801	2977	5193
TEXTILE GLASS FIBER	309.2800 & .2900[j]	10353	7350	18212	219726	20020	6124	6453	12914	10114	13878
GRAND TOTAL ABOVE		**157575**	**132072**	**209090**	**184427**	**291726**	**163183**	**161257**	**218145**	**206964**	**320922**

SOURCE: U.S.Census Bureau Report IM146.
NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.
b. Also includes 310.0530, .0550, .0630 & .0650.
c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.
d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.
e. Also includes 310.1110 & .1114.
f. Also includes 310.2010 & .2110.
g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.
h. Also includes 310.5005 & .5030.
i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.
j. Chiefly roving. Also includes 309.9800 & .9900.

MEASURING PRODUCTIVITY:
INDEXES OF OUTPUT FOR THE U.S. MAN-MADE FIBER INDUSTRY

In attempting to gauge the performance of an industry, it is imperative to determine the productivity of that industry. Simply stated, productivity is the number of hours (employee hours) it takes to produce a product (output). It is a measure of the overall strength and vitality of an industry. Over time, however, fluctuations in market conditions, employment levels, etc., can distort a historical trend, making year to year comparisons difficult to interpret. One method of easing the impact of such fluctuations is through the use of an index, for it is a convenient way to measure current performance against historical trends.

As illustrated in the graph on the opposite page, the U.S. man-made fiber (synthetic fiber) industry has become more productive since 1967. Output per employee-hour and industry output have risen dramatically over the past fifteen years (see also table on page 54). The notable increase in productivity is particularly striking when compared to employee-hours, which have generally fallen since 1967. It is interesting to note that the sharp drop in industry output significantly affected the output per employee-hour and also coincided with the 1982 recession. It is at this point the output per employee-hour index reversed its historical trend on the graph.

METHODOLOGY AND DATA SOURCES

Indexes for the U.S. man-made fiber industry are on pages 54 and 55. The index data are taken directly from the U.S. Department of Labor publication, **Productivity Measures for Selected Industries 1957-1982**. Output, employment and employee-hour data are found on page 54, while ouput-per-hour and output-per-employee data are on page 55. It must be emphasized that all data are in terms of an **index** (e.g. there is no data listing the total number of employees in absolute terms). For the purposes of these indexes, all other years are compared to 1977, the benchmark year.

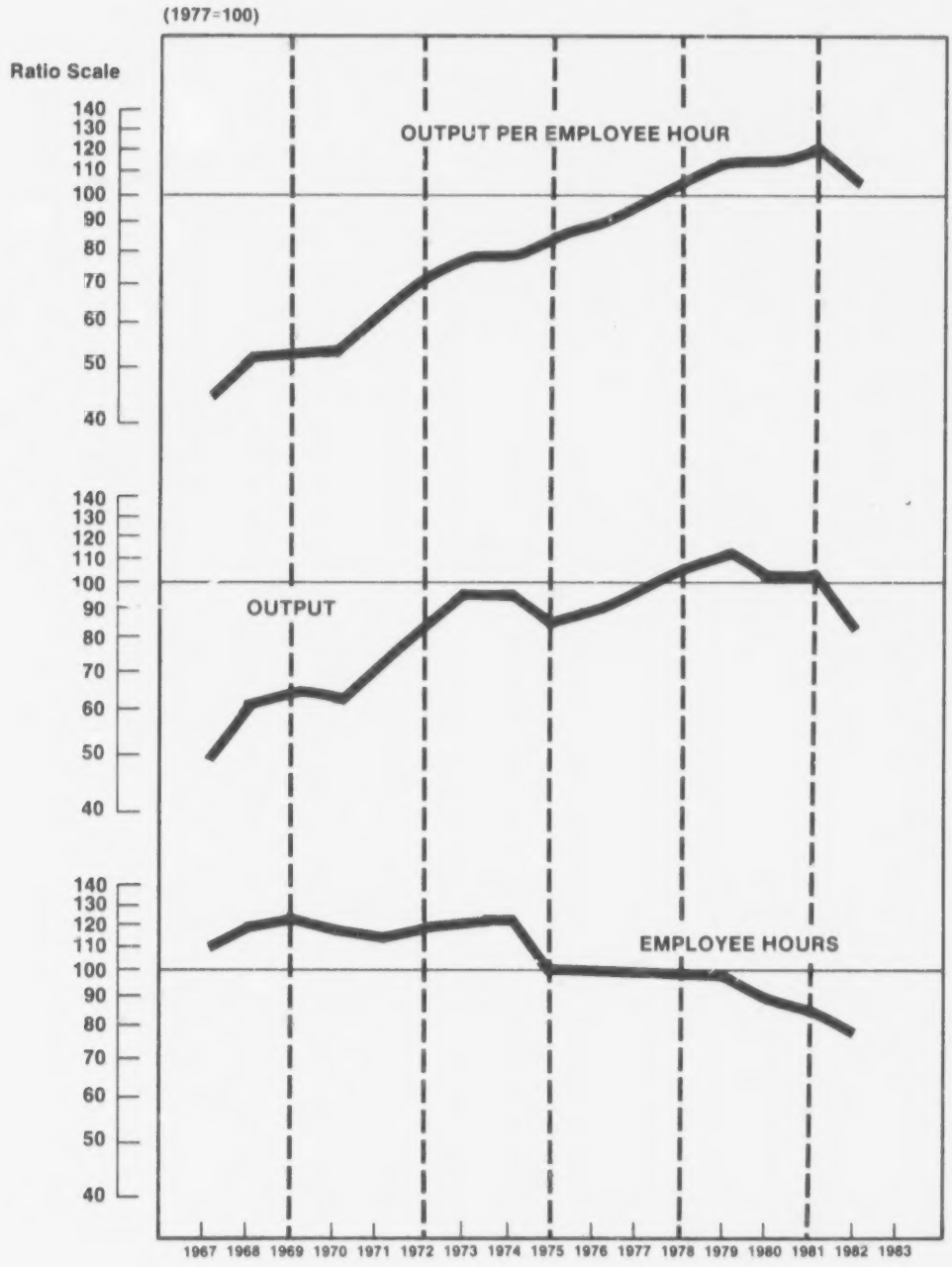
The output index on page 54 is based on production data published in the ***Textile Organon*** and is computed from a weighted aggregate of production of cellulosic yarn, cellulosic staple+tow, noncellulosic yarn and noncellulosic staple+tow. Estimated employee-hour requirements were used to weight each of the four output categories, as some products require more time to manufacture than others. These employee-hour requirements are taken from **Census of Manufactures**.

The employment and employee-hour indexes on page 54 measure the change over time in the aggregate number of industry employees and the corresponding employee-hours. Both indexes are divided between production workers (blue-collar plant workers) and nonproduction workers (white-collar executives). These indexes are based on data published by the Bureau of the Census and estimates of the Bureau of Labor Statistics.

Finally, the output-per-hour and output-per-employee indexes are found on page 55. The output-per-hour data are obtained by dividing the output index by the employee-hour index, while the output-per-employee index is derived by dividing the output index by the employment index.

SYNTHETIC FIBERS (SIC 2823,2824): OUTPUT PER HOUR AND RELATED DATA

1967-1982



SOURCE: Bureau of Labor Statistics, U.S. Department of Labor

SYNTHETIC FIBERS (SIC 2823, 2824): INDEXES OF OUTPUT, EMPLOYEE HOURS & EMPLOYEES

1957 - 1982

YEAR	OUTPUT	EMPLOYEE HOURS			EMPLOYEES		
		ALL EMPLOYEES	PRODUCTION WORKERS	NONPRODUCTION WORKERS	ALL EMPLOYEES	PRODUCTION WORKERS	NONPRODUCTION WORKERS
1957	24.2	78.4	79.3	75.6	77.8	79.3	73.6
1958	22.1	74.6	72.8	80.3	73.3	71.6	78.4
1959	26.4	77.8	79.0	73.5	76.1	77.7	71.8
1960	24.8	76.5	76.3	77.0	76.2	76.6	75.5
1961	26.1	74.9	74.3	76.8	74.2	73.8	75.8
1962	31.2	81.5	82.5	78.2	80.1	81.1	77.1
1963	33.3	87.8	86.7	91.4	85.5	84.0	90.1
1964	38.2	94.5	94.0	96.2	91.2	90.2	94.3
1965	43.8	104.9	105.3	104.0	102.2	102.1	102.6
1966	47.8	113.9	111.6	120.4	111.7	109.2	119.3
1967	48.7	108.2	107.6	109.9	106.6	105.8	108.9
1968	61.9	118.8	121.1	111.8	115.2	117.0	109.9
1969	64.2	122.2	124.0	116.4	119.1	120.4	115.0
1970	63.2	117.4	117.2	117.7	116.3	116.1	117.0
1971	72.9	115.2	116.9	109.7	114.2	115.9	108.9
1972	85.2	116.7	119.9	106.3	114.1	116.7	106.1
1973	96.3	121.1	125.0	108.6	117.8	121.5	107.1
1974	95.5	122.5	123.5	119.2	121.3	123.0	116.4
1975	85.9	101.7	98.8	110.9	103.0	101.1	108.9
1976	90.8	101.4	98.6	110.1	102.9	101.1	108.5
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	105.0	99.3	100.3	98.3	99.4	99.9	98.2
1979	113.0	98.3	99.2	95.6	97.6	98.4	95.1
1980	103.9	89.8	88.5	93.6	90.4	89.6	92.9
1981	104.2	86.2	84.9	90.2	86.9	85.9	89.8
1982[a]	83.3	79.0	74.8	92.4	81.4	77.9	92.0
Average Annual Percent Change							
1957-1982	*7.2*	*0.8*	*0.8*	*1.0*	*0.9*	*0.9*	*1.1*
1977-1982	*-2.9*	*-4.8*	*-5.7*	*-1.9*	*-4.2*	*-5.0*	*-2.0*

[a] Preliminary.

NOTE: Because of periodic revisions in source data, the measures in this table may differ from those previously published.

SOURCE: Output based on data from the Textile Economics Bureau Inc. and the Bureau of the Census. Employment and hours based on data from the Bureau of the Census and the Bureau of Labor Statistics.

SYNTHETIC FIBERS (SIC 2823, 2824): INDEXES OF OUTPUT PER EMPLOYEE HOUR & OUTPUT PER EMPLOYEE

1957 - 1982

YEAR	OUTPUT PER HOUR[a]			OUTPUT PER EMPLOYEE[a]		
	ALL EMPLOYEES	PRODUCTION WORKERS	NONPRODUCTION WORKERS	ALL EMPLOYEES	PRODUCTION WORKERS	NONPRODUCTION WORKERS
1957	30.9	30.5	32.0	31.1	30.5	32.9
1958	29.6	30.4	27.5	30.2	30.9	28.2
1959	33.9	33.4	35.9	34.7	34.0	36.8
1960	32.4	32.5	32.2	32.5	32.4	32.8
1961	34.8	35.1	34.0	35.2	35.4	34.4
1962	38.3	37.8	39.9	39.0	38.5	40.5
1963	37.9	38.4	36.4	38.9	39.6	37.0
1964	40.4	40.6	39.7	41.9	42.4	40.5
1965	41.8	41.6	42.1	42.9	42.9	42.7
1966	42.0	42.8	39.7	42.8	43.8	40.1
1967	45.0	45.3	44.3	45.7	46.0	44.7
1968	52.1	51.1	55.4	53.7	52.9	56.3
1969	52.5	51.8	55.2	53.9	53.3	55.8
1970	53.8	53.9	53.7	54.3	54.4	54.0
1971	63.3	62.4	66.5	63.8	62.9	66.9
1972	73.0	71.1	80.2	74.7	73.0	80.3
1973	79.5	77.0	88.7	81.7	79.3	89.9
1974	78.0	77.3	80.1	78.7	77.6	82.0
1975	84.5	86.9	77.5	83.4	85.0	78.9
1976	89.5	92.1	82.5	88.2	89.8	83.7
1977	100.0	100.0	100.0	100.0	100.0	100.0
1978	105.2	104.7	106.8	105.6	105.1	106.9
1979	115.0	113.9	118.2	115.8	114.8	118.8
1980	115.7	117.4	111.0	114.9	116.0	111.8
1981	120.9	122.7	115.5	119.9	121.3	116.0
1982[b]	105.4	111.4	90.2	102.3	106.9	90.5
Average Annual Percent Change						
1957-1982	*6.3*	*6.4*	*6.1*	*6.2*	*6.2*	*6.0*
1977-1982	*2.0*	*3.0*	*-1.0*	*1.4*	*2.2*	*-0.9*

[a] The output measures underlying the output per employee hour and output per employee indexes relate to the total production of the industry. They do not relate to the specific output of any single group of employees.

[b] Preliminary.

NOTE: Because of periodic revisions in source data, the measures in this table may differ from those previously published.

SOURCE: Output based on data from the Textile Economics Bureau Inc. and the Bureau of the Census. Employment and hours based on data from the Bureau of the Census and the Bureau of Labor Statistics.

FILAMENT YARN DOMESTIC SHIPMENTS[a]

MILLION POUNDS

ITEM		ANNUAL DATA 1980	1981	1982	1983	QUARTERLY DATA 1982 1ST Q	1982 2ND Q	1982 3RD Q	1982 4TH Q	1983 1ST Q	1983 2ND Q	1983 3RD Q	1983 4TH Q
(A) ACETATE			(N) NYLON *			(P) POLYESTER				(O) OLEFIN			
HOSIERY[b]	N	106.3	107.0	92.3	104.3	22.4	22.2	23.9	23.8	25.4	26.3	26.0	26.6
OTHER CIRCULAR KNIT[c]	N	56.6	48.2	25.7	24.5	8.4	5.4	7.0	4.9	5.3	6.0	6.0	7.2
	P	495.7	345.6	228.4	293.7	59.4	57.6	55.4	56.0	77.2	79.3	67.5	69.7
	A	3.2	3.6	1.6	2.1	0.4	0.7	0.2	0.3	0.7	0.5	0.6	0.3
FLAT KNIT	A	144.9	98.7	71.7	79.1	20.2	20.5	16.9	14.1	18.0	23.6	20.1	17.4
	N	176.3	163.2	130.8	162.2	32.8	32.6	31.0	34.4	39.0	42.4	39.8	41.0
	P	83.8	98.4	87.0	116.6	21.1	21.8	23.5	20.6	22.4	26.2	31.3	36.7
CARPET FACE	N	714.5	633.6	559.5	734.6	123.6	141.4	154.3	140.2	143.9	196.4	196.4	197.9
	O	89.5	89.5	90.0	131.2	23.4	22.1	23.0	21.5	29.8	34.0	33.1	34.3
CARPET BACKING[d]	O	197.8	195.3	184.7	198.8	45.7	45.6	49.1	44.3	46.1	54.1	53.7	44.9
OTHER BROAD WOVEN[e]	A	110.5	110.7	88.8	113.6	22.3	23.3	20.9	22.3	24.2	29.2	29.7	30.5
	N	94.3	89.2	82.2	83.6	21.5	20.8	18.9	21.0	21.3	22.3	19.3	20.7
	P	405.5	440.2	367.0	489.9	78.4	88.5	98.7	101.4	107.0	138.6	118.1	126.2
	O	186.3	200.7	172.5	217.1	42.8	44.6	43.1	42.0	48.9	57.2	58.1	52.9
NARROW WOVEN[f]	A	8.7	8.6	2.9	1.7	0.9	0.7	1.0	0.3	0.9	0.2	0.4	0.2
	N	31.4	34.0	30.2	35.3	8.2	7.8	6.6	7.6	7.0	9.2	9.5	9.6
	P	28.1	28.1	28.1	35.5	5.4	8.3	7.0	7.4	7.7	8.5	8.7	10.6
	O	12.3	12.6	12.1	15.0	2.8	3.0	3.2	3.1	3.7	3.5	3.8	4.0
TIRES, INCL. CHAFER	N	209.2	204.7	147.9	145.5	39.1	39.8	28.3	40.7	29.2	33.7	34.8	47.8
	P	161.0	174.8	168.9	174.1	43.7	44.1	39.9	41.2	42.9	45.3	42.5	43.4
OTHER RUBBER INDUSTRY[g]	N	22.3	25.7	17.3	16.3	6.4	5.2	2.7	3.0	4.1	4.3	4.0	3.9
	P	30.2	35.1	26.7	27.8	8.4	7.7	5.5	5.1	6.4	7.7	5.9	7.8
ROPE, CORDAGE & FISHLINE	N	33.0	30.6	29.1	31.7	7.1	6.7	7.3	8.0	7.5	7.6	8.0	8.6
	P	13.1	15.8	14.4	12.2	2.9	3.6	3.3	4.6	3.3	3.4	2.8	2.7
	O	84.4	92.1	84.8	95.5	23.2	20.6	19.6	21.4	23.3	25.7	23.1	23.4
ALL OTHER[h]	A	1.9	4.7	4.0	1.1	1.1	1.9	0.5	0.5	0.3	0.4	0.2	0.2
	N	95.0	68.1	50.6	54.4	12.1	14.6	12.7	11.2	12.3	10.9	14.6	16.6
	P	146.0	292.0	214.3	144.6	77.9	60.9	33.7	41.8	39.4	33.6	30.4	41.2
	O	41.4	38.1	32.9	40.8	8.9	9.1	6.5	8.4	8.8	9.7	10.3	12.0
TOTAL ABOVE	**A**	**269.2**	**226.3**	**169.0**	**197.6**	**44.9**	**47.1**	**39.5**	**37.5**	**44.1**	**53.9**	**51.0**	**48.6**
	N	**1538.9**	**1404.3**	**1165.6**	**1392.4**	**281.6**	**296.5**	**292.7**	**294.8**	**295.0**	**359.1**	**358.4**	**379.9**
	P	**1363.4**	**1430.0**	**1134.8**	**1294.4**	**297.2**	**292.5**	**267.0**	**278.1**	**306.3**	**342.6**	**307.2**	**338.3**
	O	**611.7**	**628.3**	**577.0**	**698.4**	**146.8**	**145.0**	**144.5**	**140.7**	**160.6**	**184.2**	**182.1**	**171.5**
TOTAL DOMESTIC		**3783.2**	**3688.9**	**3046.4**	**3582.8**	**770.5**	**781.1**	**743.7**	**751.1**	**806.0**	**939.8**	**898.7**	**938.3**
ALSO DIVIDED AS													
APPAREL		1530.4	1530.0	1128.2	1257.5	303.9	285.6	268.6	270.1	305.4	335.6	301.7	314.8
HOME FURNISHINGS		1212.7	1129.4	1016.6	1328.7	237.7	257.4	269.5	252.0	272.0	351.3	350.3	355.1
INDUSTRIAL		1040.1	1029.5	901.6	996.6	228.9	238.1	205.6	229.0	228.6	252.9	246.7	268.4
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET)[i]													
NYLON		167.4	159.6	122.3	127.1	30.9	29.7	31.6	30.1	30.9	32.8	31.5	31.9
POLYESTER		942.0	991.3	737.9	832.4	198.1	189.1	172.7	178.0	201.0	221.8	192.2	217.4
OLEFIN		40.9	33.5	26.8	28.0	7.6	7.9	5.5	5.8	6.2	8.2	7.4	6.2

*. Includes Aramid in 1980 through 1982.

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.

b. Small poundages of polyester are included in All Other.

c. Small poundages of olefin are included in All Other.

d. Small poundages of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc. The olefin poundages include other home furnishings applications only, i.e., industrial applications are in All Other.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Small poundages of olefin are included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin poundages include sliver knit backing. Also includes indirect exports starting 1st Quarter 1980.

i. These poundages are included in the Total Domestic area above.

STAPLE+TOW DOMESTIC SHIPMENTS

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1982				1983			
		1980	1981	1982	1983	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q
(R) RAYON (N) NYLON * (A) ACRYLIC+MODACRYLIC (P) POLYESTER (O) OLEFIN													
HOSIERY, SWEATERS & CRAFT YARNS[a]	A	275.7	255.6	230.5	237.3	54.7	62.6	56.3	56.9	58.1	64.3	60.4	54.5
	NPR	11.5	8.9	8.8	9.5	2.0	2.3	2.2	2.3	2.9	2.7	2.2	1.7
PILE FABRICS[b]	A	60.4	44.7	36.4	33.0	10.3	11.6	8.5	6.0	9.0	10.3	7.8	5.9
	P	18.3	14.9	15.6	18.2	3.9	3.8	4.0	3.9	4.8	4.9	5.0	3.5
OTHER CIRCULAR+FLAT KNIT[c]	R	9.8	10.9	5.7	3.5	1.5	1.5	1.3	1.4	1.0	1.2	0.9	0.4
	A	125.0	91.6	112.6	129.5	24.4	33.0	28.8	26.4	31.5	32.2	33.0	32.8
	P	296.3	300.7	288.8	354.4	70.9	72.2	71.8	73.9	91.5	91.1	85.8	86.0
BLANKETS[b]	A	42.2	28.1	23.7	27.1	4.7	5.5	7.1	6.4	7.7	6.7	8.1	4.6
	P	17.3	14.8	12.0	10.5	2.1	3.0	3.3	3.6	3.8	2.8	2.5	1.4
OTHER BROAD WOVEN	R	201.6	224.7	146.6	182.1	38.4	34.7	35.0	38.5	40.8	45.3	47.0	49.0
	N	53.0	52.4	56.4	59.0	11.6	14.9	14.3	15.6	15.4	16.6	14.2	12.8
	A	42.3	33.0	25.7	32.5	5.7	7.9	5.5	6.6	7.7	8.8	8.2	7.8
	P	1194.6	1107.0	889.0	1062.9	232.2	222.3	209.6	224.9	237.0	270.4	272.3	283.2
	O	17.3	17.1	16.1	19.4	3.7	6.0	2.5	3.9	4.9	5.0	4.9	4.6
CARPET FACE YARNS	R	+	0.3	0.1	0.2	+	0.1	0	+	+	0.1	+	0.1
	N	631.5	617.4	594.4	815.2	125.1	150.1	165.5	153.7	175.3	220.7	215.9	203.3
	A		Included in All Other										
	P	119.9	124.0	114.7	139.0	24.6	32.0	27.6	30.5	34.7	39.8	33.2	31.3
	O	61.6	67.5	76.8	93.6	17.0	21.5	19.6	18.7	21.7	23.7	22.7	25.5
FIBERFILL[d]	P	205.1	226.7	228.4	275.4	49.0	53.4	60.8	65.2	60.8	68.8	75.3	70.5
FLOCK	NP	10.8	13.0	10.2	10.6	2.1	2.8	2.6	2.7	2.3	3.0	3.0	2.3
	R	5.1	5.6	3.1	3.2	0.7	0.9	0.8	0.7	0.9	0.7	0.7	0.9
NONWOVENS[e,f]	R	147.3	124.6	111.9	119.0	32.4	25.5	27.7	26.3	30.5	29.0	29.3	30.2
	N	3.2	3.5	3.8	4.9	1.1	0.8	1.1	0.8	1.1	1.1	1.4	1.3
	P	166.6	149.3	155.2	177.4	35.0	38.8	42.8	38.6	38.8	48.4	47.8	42.4
	VINYON+O	34.4	42.7	39.0	61.5	7.4	10.2	12.5	8.9	10.2	13.0	16.5	21.8
ALL OTHER	R	26.2	29.1	24.3	23.8	4.4	6.6	6.7	6.6	6.3	6.1	6.4	5.0
	N	12.2	10.3	7.7	5.2	1.8	2.1	2.1	1.7	1.2	1.6	1.3	1.1
	A	39.7	41.1	29.0	32.8	8.3	7.3	7.4	6.0	6.1	7.0	10.4	9.3
	P	42.6	60.6	57.8	55.8	18.0	18.1	7.6	14.1	14.6	12.6	14.7	13.9
	VINYON+O	1.5	4.7	7.0	8.9	1.2	2.2	1.8	1.8	2.9	2.4	1.0	2.6
TOTAL ABOVE	**R**	**390.7**	**396.9**	**293.7**	**333.5**	**77.6**	**69.8**	**72.1**	**74.2**	**80.1**	**83.0**	**84.6**	**85.8**
	N	**711.2**	**696.4**	**673.3**	**897.1**	**141.9**	**170.8**	**185.8**	**174.8**	**196.0**	**243.5**	**236.2**	**221.4**
	A	**585.3**	**494.1**	**457.9**	**492.2**	**108.1**	**127.9**	**113.6**	**108.3**	**120.1**	**129.3**	**127.9**	**114.9**
	P	**2071.0**	**2005.4**	**1767.5**	**2099.2**	**437.3**	**445.3**	**428.9**	**456.0**	**487.6**	**540.4**	**538.1**	**533.1**
	VINYON+O	**115.0**	**132.0**	**138.9**	**183.4**	**29.3**	**39.9**	**36.4**	**33.3**	**39.7**	**44.1**	**45.1**	**54.5**
TOTAL DOMESTIC		**3873.2**	**3724.8**	**3331.3**	**4005.4**	**794.2**	**853.7**	**836.8**	**846.6**	**923.5**	**1040.3**	**1031.9**	**1009.7**
ALSO DIVIDED AS													
APPAREL		1632.9	1487.5	1321.7	1461.3	326.3	342.7	321.2	331.5	360.8	386.0	359.9	354.6
HOME FURNISHINGS		1478.0	1442.9	1266.4	1630.0	287.9	323.8	329.1	325.6	363.9	432.9	424.8	408.4
INDUSTRIAL		762.3	794.4	743.2	914.1	180.0	187.2	186.5	189.5	198.8	221.4	247.2	246.7

* 1980 through 1982 poundages include Aramid.

a. Olefin poundages are included in All Other.

b. Rayon and nylon poundages are included in All Other.

c. Nylon poundages are included in All Other.

d. Rayon and acrylic poundages are included in All Other.

e. Wet & dry laid and needled batts only.

f. Acrylic poundages are included in All Other.

SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1984 JAN	FEB	MAR	APR	MAY	JUNE	2 MONTHS 1984	1983
CELLULOSIC YARN, MONOFIL & STRIPS								
BRAZIL	55	5					60	30
CANADA	42	12					54	549
MEXICO	163	120					283	125
AUSTRIA	0	0					0	330
GERMANY, FED. REP. OF	714	327					1041	196
NETHERLANDS	28	40					68	82
UNITED KINGDOM	0	0					0	10
JAPAN	74	86					160	24
REP. OF KOREA	60	0					60	40
ALL OTHER COUNTRIES[a]	0	1					1	48
TOTAL CELL. YARN	**1136**	**591**					**1727**	**1434**
CELLULOSIC STAPLE+TOW								
CANADA	803	884					1687	788
AUSTRIA	390	70					460	158
FRANCE	16	18					34	0
SWEDEN	164	432					596	187
UNITED KINGDOM	225	81					306	2
JAPAN	116	47					163	308
TAIWAN	0	0					0	27
ALL OTHER COUNTRIES[b]	0	0					+	1
TOTAL CELL. STAPLE	**1714**	**1532**					**3246**	**1471**
NONCELLULOSIC YARN, MONOFIL & STRIPS								
CANADA	1284	1467					2751	1178
MEXICO	1317	1796					3113	306
FRANCE	224	222					446	367
GERMANY, FED. REP. OF	846	1097					1943	1210
ITALY	199	569					768	99
NETHERLANDS	54	95					149	35
SPAIN	95	225					320	245
SWITZERLAND	17	101					118	169
UNITED KINGDOM	531	89					620	480
ISRAEL	111	72					183	362
JAPAN	1131	1338					2469	1712
REP. OF KOREA	42	55					97	13
TAIWAN	122	+					122	62
SOUTH AFRICA	347	563					910	0
ALL OTHER COUNTRIES[c]	231	233					464	78
TOTAL N.C. YARN	**6551**	**7922**					**14473**	**6316**
NONCELLULOSIC STAPLE+TOW								
CANADA	1028	1102					2130	678
COSTA RICA	155	354					509	0
MEXICO	2812	2217					5029	1672
BELGIUM	32	61					93	78
FRANCE	483	507					990	1590
GERMANY, FED. REP. OF	1965	1587					3552	2186
ITALY	1182	791					1973	2339
NETHERLANDS	88	140					228	38
SWITZERLAND	22	+					22	0
UNITED KINGDOM	1306	1060					2366	969
AUSTRALIA	0	24					24	91
ISRAEL	45	28					73	55
JAPAN	1334	926					2260	1446
REP. OF KOREA	0	40					40	40
TAIWAN	826	471					1297	830
ROMANIA	138	98					236	0
SOUTH AFRICA	0	213					213	0
ALL OTHER COUNTRIES[d]	394	88					482	0
TOTAL N.C. STAPLE	**11810**	**9707**					**21517**	**12012**

Other countries supplying 1984 poundages are:

a. Italy 1.

b. Federal Republic of Germany +.

c. Australia 26, Austria 76, Belgium 61, Brazil 99, Denmark 1, India +, Norway 27, Portugal 1, Romania 165 and Sweden 8.

d. Austria 12, Brazil 252, Denmark 2, Hong Kong 2, Poland 9, Portugal 41, Spain 25, Sweden 60 and Turkey 79.

U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMODITY NUMBER AS OF 1/1/83	1984 JAN	FEB	MAR	APR	MAY	JUN	2 MONTHS 1984	1983
CELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED	310.0106 & .0206	0	0					0	201
OTHER	310.0130 & .0230[a]	1136	585					1721	1221
MONOFILAMENTS	309.0310 & .0610	0	0					0	0
STRIPS, $1/LB & UNDER	309.2000*	0	6					6	12
SUBTOTAL ABOVE		**1136**	**591**					**1727**	**1434**
STAPLE	309.4320 & .4325	1517	1483					3000	1371
GROUPED FILAMENTS	309.3010 & .3110	197	49					246	100
SUBTOTAL ABOVE		**1714**	**1532**					**3246**	**1471**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510	40	69					109	41
NONCELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED - NYLON	310.0109 & .0209	1064	1571					2635	622
- POLYESTER	310.0110 & .0210	821	1167					1988	119
- OTHER	310.0114 & .0214	651	604					1255	1217
OTHER - NYLON	310.0149 & .0249	2022	2221					4243	1642
- POLYESTER	310.0150 & .0250	1328	1658					2986	1960
- OTHER	310.0170 & .0270[b]	202	274					476	426
MONOFILAMENTS	309.0200 & .0330[c]	383	325					708	263
STRIPS, OVER $1/LB	309.2100 & .2500*	80	102					182	67
SUBTOTAL ABOVE		**6551**	**7922**					**14473**	**6316**
STAPLE - NYLON	309.4338	2921	2034					4955	3713
- POLYESTER	309.4342	3115	2489					5604	1882
- ACRYLIC	309.4345	1081	1257					2338	1427
- OLEFIN	309.4346	325	76					401	109
- OTHER	309.4355	1109	969					2078	1457
GROUPED FILAMENTS									
NYLON	309.3030 & .3130	2271	1604					3875	2125
POLYESTER	309.3040 & .3140	227	593					820	4
ACRYLIC	309.3050 & .3150	646	538					1184	1205
OTHER	309.3065 & .3165	115	147					262	90
SUBTOTAL ABOVE		**11810**	**9707**					**21517**	**12012**
WASTE, NOT ADVANCED									
- NYLON	309.6625	2390	4767					7157	2541
- POLYESTER	309.6630	634	810					1444	1911
- ACRYLIC	309.6645	37	1					38	175
- OTHER	309.6660	139	213					352	396
NOILS & GARNETTED FIBERS	309.6000 & .7000*	56	62					118	0
OTHER WASTE, ADVANCED	309.7525 - .7555	105	300					405	441
SUBTOTAL ABOVE		**3361**	**6153**					**9514**	**5464**
TOTAL MAN-MADE ABOVE		**24612**	**25974**					**50586**	**26738**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD									
YARN - PLIED									
TEXTURED - CELLULOSIC		0	+					+	0
- NONCELLULOSIC	310.1015[d] & .1109*	1109	1204					2313	1216
OTHER - CELLULOSIC	310.1030 & .1135[e]	2	12					14	41
- NONCELLULOSIC	310.1050 & .1070[d]	146	84					230	405
SPUN YARN - CELLULOSIC	310.4005 & .4030[f]	104	52					156	99
- OTHER	310.4015 & .4027[f]	757	3042					3799	4066
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	121	112					233	568
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	410	250					660	497
SLIVER, TOPS & ROVING	309.9000	589	756					1345	678
TEXTILE GLASS FIBER	309.2800 & .2900[g]	2128	2900					5028	2749
GRAND TOTAL ABOVE		**29978**	**34386**					**64364**	**37057**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.
b. Also includes 310.0530, .0550, .0630 & .0650.
c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.
d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.
e. Also includes 310.1110 & .1114.
f. Also includes 310.2010 & .2110.
g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.
h. Also includes 310.5005 & .5030.
i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.
j. Chiefly roving. Also includes 309.9800 & .9900.

SELECTED U.S. MONTHLY TEXTILE FIBER DATA *(REVISED)*

MILLION POUNDS

ITEM	1983 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1983	1982
MAN-MADE FIBER DATA[c]						**TOTAL SHIPMENTS[b]**								
YARN+MONOFILAMENTS[d]														
ACETATE	**15.1**	**15.7**	**20.4**	**18.8**	**19.7**	**21.3**	**18.5**	**21.9**	**19.0**	**18.0**	**19.5**	**17.9**	**225.8**	**198.8**
NYLON[e] - INDUSTRIAL[f]	20.8	23.5	25.7	25.9	25.6	23.8	23.4	26.6	30.6	32.1	32.7	27.4	318.1	324.5
- LOW DENIER INDUSTRIAL[g]	2.5	2.4	2.9	2.5	3.0	3.0	2.4	3.1	3.1	3.2	3.2	4.2	35.5	29.5
- CARPET	45.4	48.4	56.3	60.2	66.0	76.4	61.2	71.1	71.4	66.8	69.5	69.9	762.6	582.1
- TEXTILE	27.8	30.4	34.3	33.3	33.9	32.5	28.5	32.8	31.5	32.0	33.5	30.9	381.4	331.6
POLYESTER - INDUSTRIAL[f]	24.0	23.6	25.4	25.4	27.1	29.0	21.5	26.4	27.4	25.9	27.1	24.8	307.6	288.0
- LOW DENIER INDUSTRIAL[g]	1.9	1.7	2.0	2.1	2.6	2.4	1.7	2.7	2.1	2.4	2.3	2.1	26.0	22.4
- TEXTILE	73.9	82.8	90.6	93.1	92.5	85.9	71.9	83.4	84.0	83.3	92.9	92.8	1027.1	927.1
OLEFIN[h]	51.2	55.0	58.3	60.5	64.0	63.9	59.5	62.5	63.6	57.2	53.0	65.5	714.2	592.3
TOTAL NONCELLULOSIC ABOVE[i]	**247.5**	**267.8**	**295.5**	**303.0**	**314.7**	**316.9**	**270.1**	**308.6**	**313.7**	**302.9**	**314.2**	**317.6**	**3572.5**	**3097.5**
STAPLE+TOW+FIBERFILL[i]														
RAYON	**29.5**	**26.6**	**30.9**	**29.6**	**29.5**	**35.6**	**30.6**	**37.1**	**32.0**	**30.9**	**32.8**	**32.3**	**377.4**	**360.2**
NYLON[e]	64.8	63.5	71.0	76.6	82.8	87.8	71.2	85.2	82.8	79.5	77.2	68.8	911.2	689.9
ACRYLIC+MODACRYLIC	49.3	52.2	59.9	59.5	58.0	56.7	47.5	57.5	58.2	52.6	52.7	50.6	654.7	632.2
POLYESTER	154.2	172.1	191.4	181.2	189.3	192.3	154.6	197.0	208.3	184.3	186.1	187.0	2197.8	1941.6
OLEFIN+VINYON	11.4	14.3	14.7	15.2	15.7	15.1	13.8	16.6	17.3	18.8	17.2	16.2	186.3	143.8
TOTAL NONCELLULOSIC ABOVE	**279.7**	**302.1**	**337.0**	**332.5**	**345.8**	**351.9**	**287.1**	**356.3**	**366.6**	**335.2**	**333.2**	**322.6**	**3950.0**	**3407.5**
						END-OF-MONTH STOCK								
YARN+MONOFILAMENTS														
ACETATE	**10.2**	**10.0**	**9.8**	**10.2**	**11.8**	**12.2**	**13.6**	**12.3**	**14.1**	**15.3**	**14.3**	**12.5**	**12.5**	**10.7**
NYLON[e] - INDUSTRIAL[f]	26.4	24.1	23.3	23.2	23.4	25.4	28.4	30.8	24.8	23.1	19.6	23.8	23.8	27.0
- LOW DENIER INDUSTRIAL[g]	3.4	3.7	4.4	5.0	5.1	4.7	4.9	4.4	5.1	4.8	4.5	4.0	4.0	3.2
- CARPET	54.2	53.6	51.3	50.1	48.2	40.5	47.7	45.5	44.2	49.0	47.9	54.0	54.0	54.8
- TEXTILE	40.5	39.2	38.3	37.8	35.3	36.2	38.2	37.9	39.3	39.3	36.4	39.0	39.0	41.2
POLYESTER - INDUSTRIAL[f]	27.2	27.8	27.7	26.1	25.3	21.2	23.1	23.3	21.3	20.4	18.9	18.7	18.7	27.2
- LOW DENIER INDUSTRIAL[g]	3.5	3.6	3.4	3.1	2.4	2.3	2.6	2.4	2.7	2.6	2.7	3.2	3.2	3.0
- TEXTILE	66.8	69.2	64.8	64.4	68.5	73.8	89.6	78.8	79.8	85.6	75.4	75.7	75.7	68.8
OLEFIN[h]	57.1	56.9	56.9	52.9	53.3	55.4	55.0	54.6	53.2	56.3	57.4	56.5	56.5	54.6
TOTAL NONCELLULOSIC ABOVE[i]	**279.1**	**278.1**	**270.1**	**262.6**	**261.5**	**259.5**	**289.5**	**277.7**	**270.4**	**281.1**	**262.8**	**274.9**	**274.9**	**279.8**
STAPLE+TOW+FIBERFILL														
RAYON	**29.6**	**31.2**	**31.5**	**32.1**	**34.3**	**28.9**	**27.3**	**21.4**	**21.3**	**23.4**	**24.4**	**23.3**	**23.3**	**25.9**
NYLON[e]	52.0	54.9	57.0	54.1	53.3	44.7	54.1	55.0	57.9	60.3	60.0	75.1	75.1	59.9
ACRYLIC+MODACRYLIC	60.2	61.4	56.0	55.0	59.5	60.2	67.9	68.4	65.8	65.0	67.5	72.8	72.8	57.0
POLYESTER	178.4	174.2	162.1	161.1	154.1	158.6	185.1	181.6	160.4	176.4	175.2	174.1	174.1	187.8
OLEFIN+VINYON	19.2	17.8	17.6	16.2	15.3	14.5	14.2	15.8	16.7	16.8	18.9	20.0	20.0	20.1
TOTAL NONCELLULOSIC ABOVE	**309.8**	**308.3**	**292.7**	**286.4**	**282.2**	**278.0**	**321.3**	**320.8**	**300.8**	**318.5**	**321.6**	**342.0**	**342.0**	**324.8**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	10.8	11.5	13.6	11.5	12.5	15.2	9.8	12.8	14.1	13.7	13.9	12.4	151.8	110.2
CARPET CLASS WOOL	0.9	0.6	1.1	0.6	1.1	1.2	0.8	0.6	1.4	0.9	0.8	0.7	10.7	9.3
TOTAL RAW WOOL	11.7	12.1	14.7	12.1	13.6	16.4	10.6	13.4	15.5	14.6	14.7	13.1	162.5	119.5
RAW COTTON	213.2	228.1	255.6	227.0	244.1	241.6	185.7	262.8	246.4	242.6	247.2	201.4	2795.7	2304.5

a. Year-to-date totals except for stock, which is the latest month's data.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic plus export shipments.

d. Rayon yarn data are available annually only; see page 37 of this issue.

e. Data for nylon exclude aramid.

f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

i. Saran and spandex data are not included in these totals. See page 37 of this issue for annual data on these yarns.

j. Acetate staple+tow data are available annually only; see page 37 of this issue.

SELECTED U.S. MONTHLY TEXTILE FIBER DATA

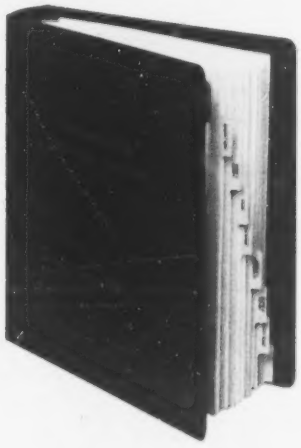
MILLION POUNDS

ITEM	1984 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE[a] 1984	1983
	TOTAL SHIPMENTS[b]							
MAN-MADE FIBER DATA[c]								
YARN+MONOFILAMENTS[d]								
ACETATE	**17.8**	**16.9**	**19.8**				**54.5**	**51.2**
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8				90.8	70.0
- LOW DENIER INDUSTRIAL[g]	2.9	3.0	3.0				8.9	7.8
- CARPET	70.0	62.9	65.5				198.4	150.1
- TEXTILE	34.5	31.3	30.9				96.7	92.5
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3				78.0	73.0
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1				6.1	5.6
- TEXTILE	84.9	69.9	67.1				221.9	247.3
OLEFIN[h]	50.7	55.7	62.5				168.9	164.5
TOTAL NONCELLULOSIC ABOVE[i]	**297.5**	**280.0**	**292.2**				**869.7**	**810.8**
STAPLE+TOW+FIBERFILL[j]								
RAYON	**32.4**	**31.6**	**38.0**				**102.0**	**87.0**
NYLON[e]	80.0	65.9	70.8				216.7	199.3
ACRYLIC+MODACRYLIC	53.0	52.2	63.9				169.1	161.4
POLYESTER	172.5	177.5	197.0				547.0	517.7
OLEFIN+VINYON	18.6	18.5	20.4				57.5	40.4
TOTAL NONCELLULOSIC ABOVE	**324.1**	**314.1**	**352.1**				**990.3**	**918.8**
	END-OF-MONTH STOCK							
YARN+MONOFILAMENTS								
ACETATE	**14.3**	**14.6**	**13.2**				**13.2**	**9.8**
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1				23.1	23.3
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7				5.7	4.4
- CARPET	54.0	58.8	60.4				60.4	51.3
- TEXTILE	36.3	36.9	37.7				37.7	38.3
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2				20.2	27.7
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8				3.8	3.4
- TEXTILE	77.2	82.8	86.4				86.4	64.8
OLEFIN[h]	58.1	59.3	61.3				61.3	56.9
TOTAL NONCELLULOSIC ABOVE[i]	**278.2**	**291.7**	**298.6**				**298.6**	**270.1**
STAPLE+TOW+FIBERFILL								
RAYON	**25.1**	**27.4**	**25.3**				**25.3**	**31.5**
NYLON[e]	70.2	76.0	79.3				79.3	57.0
ACRYLIC+MODACRYLIC	77.3	79.6	75.4				75.4	56.0
POLYESTER	180.2	188.6	188.7				188.7	162.1
OLEFIN+VINYON	20.4	21.2	19.8				19.8	17.6
TOTAL NONCELLULOSIC ABOVE	**348.1**	**365.4**	**363.2**				**363.2**	**292.7**
WOOL & COTTON CONSUMPTION								
APPAREL CLASS WOOL	13.3	15.1					28.4	22.3
CARPET CLASS WOOL	0.9	0.8					1.7	1.5
TOTAL RAW WOOL	14.2	15.9					30.1	23.8
RAW COTTON	246.1	243.2					489.3	441.3

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 37 of the March issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 37 of the March issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 37 of the March issue.

Data Power

There's only one official source for man-made fiber data in the United States. That's **The Man-Made Fiber Producers' Handbook.**



How can we make that claim? It's easy. Because no other publication provides industry data compiled from confidential reports submitted by the fiber producers themselves. All the data you need when you need them . . .

Scope: Capacity, inventory, import, export, end-use and domestic shipment data are provided by fiber type and are updated monthly, quarterly and annually. This is **Data Power** . . . complete coverage of a key U.S. industry.

Timeliness: Monthly results are made available the eighth of each month and quarterly results six weeks after the close of a quarter. The monthly data, in addition, may be obtained from our special phone system at no extra charge.

The Man-Made Fiber Producers' Handbook . . . the **complete** official source for the man-made fiber industry. Examine the listing below and you'll see what we mean by **Data Power.**

Features Yarn + Monofilament and Staple + Tow Data for:

- Rayon
- Acetate
- Nylon+Aramid
- Polyester
- Acrylic+Modacrylic
- Olefin

With Additional Data for:

- Textile Glass
- Olefin Yarn, Monofilament & Film Fiber

Covering All Noncellulosic and Cellulosic Fibers:

Monthly

- Production
- Domestic Shipments
- Exports
- Inventories
- Industrial Yarn
- Low Denier Industrial Yarn
- Carpet Yarn
- Textile Yarn
- Flat Yarn
- Feed & Producer Textured Yarn
- Shipments by Denier
- Indirect Exports

Quarterly

- Production
- Domestic Shipments
- Imports
- Exports
- Shipments by Denier
- Inventories
- Primary End Use
- Secondary End Use
- Waste Shipments

Semiannually & Annually

- Capacities
- Primary End-Use Summaries
- Secondary End-Use Summaries
- Waste Shipment Summaries
- Imports
- Exports
- By-State Shipments

MAN-MADE FIBER PRODUCERS' HANDBOOK

Subscribe **TODAY** to the

MAN-MADE FIBER PRODUCERS' HANDBOOK

And Know What It Is To Have

DATA POWER.

☐ **Yes,** I would like to subscribe to the **Man-Made Fiber Producers' Handbook** for one year at $1,250.00 U.S. which is payable in quarterly installments of $312.50 U.S.

☐ Please send me more information about the **Man-Made Fiber Producers' Handbook** and other Textile Economic Bureau publications.

☐ **Check enclosed.** ☐ **Please send an invoice.**

Send subcription and/or information to:

Name _____ *Title* _____

Company _____

Address _____

City _____ *State* _____ *Zip* _____

Country _____

Type of Business _____

Telephone Number _____

Textile Economics Bureau, Inc.
101 Eisenhower Parkway ◻ Roseland, New Jersey 07068
Telephone (201) 228-1107

C8850-1A

Textile Organon

Vol 55, No. 4 □ May 1984

A publication of the Textile Economics Bureau, Inc.

MONTHLY REVIEW

Highlights

***Textile Organon* Features**

1983 Per Capita Consumption Review . . . begins on page 67.

May Capacity Survey Analysis . . . begins on page 72.

First Quarter Production & Shipment Results

Production of Nylon Yarn+Monofilaments Falls to 400.9 Million Pounds . . . see page 76.

Domestic Shipments of Acrylic+Modacrylic Rise to 120.6 Million Pounds . . . see page 77.

In April, shipments of nylon carpet yarn rose to the highest level since April 1981.

Shipments of polyester textile yarn rose in April, though shipments of polyester industrial yarn fell.

April shipments of olefin yarn+monofilament fell, while shipments of both nylon textile yarn and industrial yarn rose.

Shipments of polyester staple+tow rose to the highest level since September 1983, but shipments of acrylic+modacrylic staple+tow fell in April.

Shipments of nylon staple+tow rose in April to the highest level of the year, but shipments of olefin+vinyon staple+tow fell.

TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *Percent*

ITEM	1984 APR	1984 MAR	% [a]	1983 APR	% [b]	YEAR TO DATE 1984	YEAR TO DATE 1983	% [c]
YARN+MONOFILAMENTS								
ACETATE	**17.8**	**19.8**	*-10.1*	**18.8**	*-5.3*	**72.3**	**70.0**	*+10.4*
NYLON [d] - INDUSTRIAL	33.4	32.8	*+1.8*	25.9	*+29.0*	124.2	95.9	*+29.5*
- LOW DENIER INDUSTRIAL	2.9	3.0	*-3.3*	2.5	*+16.0*	11.9	10.3	*+15.5*
- CARPET	72.0	65.5	*+9.9*	60.2	*+19.6*	270.4	210.3	*+28.6*
- TEXTILE	32.7	31.1	*+5.1*	33.3	*-1.8*	129.4	125.8	*+2.9*
POLYESTER - INDUSTRIAL	26.4	28.3	*-6.7*	25.4	*+3.9*	104.4	98.4	*+6.1*
- LOW DENIER INDUSTRIAL	2.2	2.1	*+4.8*	2.1	*+4.8*	8.3	7.7	*+7.8*
- TEXTILE	75.3	67.1	*+12.2*	93.1	*-19.1*	297.2	340.4	*-12.7*
OLEFIN	58.3	64.1	*-9.0*	60.5	*-3.6*	231.9	225.0	*+3.1*
TOTAL NONCELLULOSIC ABOVE	**303.2**	**294.0**	*+3.1*	**303.0**	*+0.1*	**1177.7**	**1113.8**	*+5.7*
STAPLE+TOW+FIBERFILL								
RAYON	**35.9**	**38.0**	*-5.5*	**29.6**	*+21.3*	**137.9**	**116.6**	*+18.3*
NYLON [d]	82.3	70.8	*+16.2*	76.6	*+7.4*	299.0	275.9	*+8.4*
ACRYLIC+MODACRYLIC	58.2	63.9	*-8.9*	59.5	*-2.2*	227.3	220.9	*+2.9*
POLYESTER	200.8	197.0	*+1.9*	181.2	*+10.8*	747.8	698.9	*+7.0*
OLEFIN+VINYON	20.2	20.4	*-1.0*	15.2	*+32.9*	77.7	55.6	*+39.7*
TOTAL NONCELLULOSIC ABOVE	**361.5**	**352.1**	*+2.7*	**332.5**	*+8.7*	**1351.8**	**1251.3**	*+8.0*

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumlative total this year.
d. Nylon excludes Aramid.

Also see footnotes on last page of this issue.

Textile Organon

MAY, 1984

A MONTHLY REVIEW

Editor
Robert P. Antoshak

Associate Editor
Rosemarie Frick

Production Manager
Christine M. Holt

Subscription Services Manager
Maryellen Acocella

Computer Operation Manager
Eileen Ludwig

Statistician
Daniel Matsel

Publishing Headquarters:
Textile Economics Bureau, Inc.
101 Eisenhower Parkway
Roseland, NJ 07068
U.S.A.
Telephone: (201) 228-1107

Copyright ©1984
Textile Economics Bureau, Inc.

TEXTILE ORGANON is published monthly. All rights reserved. This booklet may be reproduced in part if credit is given.

Subscription rates as of January 1984
(payable in U.S. dollars with order):

Item	U.S.A.	Other
Annually (1 year only)	125.00	187.50
Schools & Nonprofit	25.00	35.00
Single Issues		
June	20.00	30.00
September, October 1985	20.00	30.00
November (1982 & previous)	20.00	30.00
All Others	15.00	20.00

All issues will be sent to U.S. subscribers by first class mail and those to all other countries by airmail.

Contents

Features

1983 Per Capita Consumption Review 67-71
- U.S. Population, GNP & Per Capita GNP 68
- U.S. Average Annual Fiber Available for Consumption 68
- Domestic Consumption of Fiber & Products 68
- Mill Consumption by Fiber 70
- Percent Analysis of Population, GNP & Man-Made Fiber, Cotton & Wool 70
- Raw Fiber Equivalent of Imports of Manufactures & Consumption of Fibers 71
- Per Capita Consumption of Imports of Manufactures & Consumption of Fibers 71

May Capacity Survey Analysis 72-74
- U.S. Man-Made Fiber Production & Producing Capacity 73
- Noncellulosic Fiber Capacity Detail 74

Industry Regulars

Total Man-Made Fiber Shipments 65

Quarterly Man-Made Fiber Data 75-77
- U.S. Exports of Man-Made Fibers 75
- Yarn+Monofilaments Production, Shipments & Stock 76
- Staple+Tow Production, Shipments & Stock 77

Monthly U.S. Man-Made Fiber Imports
- By Country of Origin 78
- For Consumption 79

Selected U.S. Textile Fiber Data 80